

Union Wages and Hours: Building Trades

July 1, 1951

Bulletin No. 1051

UNITED STATES DEPARTMENT OF LABOR

Maurice J. Tobin, *Secretary*

BUREAU OF LABOR STATISTICS

Ewan Clague, *Commissioner*





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LETTER OF TRANSMITTAL

UNITED STATES DEPARTMENT OF LABOR
Bureau of Labor Statistics,
Washington, D. C., January 9, 1952.

The Secretary of Labor:

I have the honor to transmit herewith the annual report on union wages and hours in the building trades in 77 cities as of July 1, 1951.

This report was prepared in the Bureau's Division of Wages and Industrial Relations by John F. Laciskey.

Hon. Maurice J. Tobin,
Secretary of Labor.

Ewan Clague, Commissioner,

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Union Wages and Hours in the Building Trades, 1951

Summary

Union hourly wage scales of workers in building construction moved up 6.3 percent in the year ending July 1, 1951, and attained a new all-time high according to the Bureau of Labor Statistics' forty-fifth annual survey of union scales in the building trades. Hourly union scales averaged \$2.42 on July 1, 1951, for all workers in the building trades, \$2.60 for journeymen, and \$1.75 for helpers and laborers. Negotiated contracts effective during the year increased the wage scales of 85.6 percent of the union construction workers compared with 70 percent during the preceding 12 months.

Straight-time weekly hours for all building trades workers averaged 39.3, the same as the previous year. A 5-day, 40-hour workweek was the most common straight-time work schedule and was in effect for over five-sixths of the union workers in construction trades.

Scope and Method of Study

The information presented in this report is based on union scales in effect on July 1, 1951, covering approximately 700,000 journeymen and 185,000 helpers and laborers in 77 cities ranging in population from about 40,000 to over 1 million. Data were obtained primarily from local union officials by mail questionnaire; in some cities local union officials were visited by Bureau representatives for the desired information.

Union scales are defined as the minimum wage rates or maximum schedules of hours agreed upon through collective bargaining between trade-unions and employers. Rates in excess of the negotiated minimum which may be paid for special qualifications or for other reasons are not included.

Average hourly scales are designed to show current levels and are based on all scales reported in effect on July 1, 1951, in the cities covered. Individual scales are weighted by the number of union members reported at the rate. These averages are not measures for yearly comparisons because of fluctuations in union membership and in classifications studied.

Average cents-per-hour and percentage changes from July 1, 1950, to July 1, 1951,

are based on comparable quotations for the various occupational classifications in both years weighted by the membership reported in 1951.

Trend of Union Wage Scales

On July 1, 1951, the index of hourly union scales reached a level 17.8 percent above the average for the 3 years (1947-49) preceding the Korean outbreak. ^{1/} By group, the increase since the 3-year period amounted to 17.4 percent for journeymen and 19.9 percent for helpers and laborers. (See table 1.)

In the cities included in the July 1, 1951 survey, union scales during the year advanced 14 cents an hour, on the average, for all building trades workers, 15 cents for journeymen and 11 cents for helpers and laborers. The advance amounted to 6.3 percent for journeymen and 6.9 for helpers and laborers. (See table 3.)

Over half of the journeymen trades recorded average increases of 14 to 16 cents an hour. Electricians showed the greatest gain with an hourly increase of 19 cents, on the average, for all workers in the trade. Slate and tile roofers and tile layers each advanced 18 cents an hour. Rises of 12 cents or less occurred in only 4 of the 24 journeymen trades studied. Plasterers' laborers led the upward movement among the helper and laborer classifications with an average advance of 18 cents an hour. Although the increases varied from 3.4 to 9.7 percent among the individual classifications, most of the gains were concentrated between 5 and 7 percent.

^{1/} In the index series, designed for trend purposes, yearly changes in union scales are based on comparable quotations for each trade in consecutive years weighted by the number of union members reported at each quotation in the current year.

Beginning with this report, the base for the computation of the index series has been shifted from June 1, 1939, to the average of the 3-year period 1947-49. Index tables computed on both the old and new bases are presented in this report. In future reports, indexes on the 1939 base will be discontinued.

Hourly scales of 6 of every 7 union journeymen and 7 of every 8 helpers and laborers in building construction were increased by contract negotiations effective during the 12 months ending July 1, 1951. (See table 4.) Of the journeymen receiving scale advances during the year, the adjustments ranged from 10 to 15 cents an hour for 1 of every 4 journeymen, from 20 to 25 cents for a similar proportion, and from 15 to 20 cents for 1 of every 5. Of the helpers and laborers benefiting from scale adjustments, a third received increases varying from 10 to 15 cents an hour and a fourth from 15 to 20 cents. (See table 5.)

Scale increases between July 1, 1950, and July 1, 1951, amounted to less than 5 percent for 1 of every 6 journeymen, affected by scale revisions, from 5 to 10 percent for 4 of every 9, and from 10 to 15 percent for 1 of every 3. Of the helpers and laborers receiving increases, a fourth recorded scale advances of less than 5 percent, a third from 5 to 10 percent, and another third from 10 to 15 percent.

Construction workers in each of the 77 cities studied benefited from wage adjustments during the year. Gains averaging from 5 to 10 percent were achieved by journeymen in 7 of every 10 cities, and by helpers and laborers in 2 of every 5 cities. Average advances of less than 5 percent were reported for journeymen in 1 of every 6 cities and for helpers and laborers in 3 of every 8. In terms of cents-per-hour, the increases registered by journeymen averaged from 11 to 20 cents in over half of the cities, and 20 cents or more in 22 cities. Hourly scale advances for helpers and laborers averaged less than 10 cents in about half of the cities and more than 15 cents in 16 cities. (See table 6.)

Wage developments during the year were undoubtedly related to construction activities which continued at record levels. For the first 8 months of 1951, expenditures for new construction were about 12 percent greater than in the corresponding period of 1950. 2/ The Bureau's index of wholesale prices in building materials in July 1951 was about 8 percent above July 1950.

Hourly Wage Scales, July 1, 1951

Wage scales in the construction industry are generally higher than those pre-

vailing in other industries. Wage scales in construction trades are designed, by means of relatively strong and effective organization of the workers, partly to offset irregularity of employment and to compensate for other conditions that are not encountered by workers of comparable skill in other industries.

Scales for unionized journeymen averaged \$2.60 an hour on July 1, 1951, and ranged from less than \$1.80 to over \$3.40 an hour. More than two-thirds of the journeymen studied were employed under negotiated agreements stipulating scales of \$2.30 to \$2.80 an hour. By trade, average scales varied from \$2.34 for glaziers to \$2.95 for bricklayers. (See table 7.) Other trades averaging \$2.90 or more an hour were plasterers (\$2.93), stone masons (\$2.92), and lathers (\$2.90). Paperhangers, painters, and roofers were the only other trades to average less than \$2.50 an hour.

Helpers and laborers, as a group, averaged \$1.75 an hour with more than half the workers covered by contracts providing hourly scales of \$1.50 to \$2.00. Scales averaged highest for terrazzo workers' helpers (\$2.07) and lowest for composition roofers' helpers (\$1.50). Building laborers was the only other classification in this grouping to average less than the national average.

City and Regional Variations

The extent of unionization and the general level of wages in a locality influence scale variations. The rise in construction activities in an area resulting in a demand for skilled work, may also be a factor in scale advances. It can be reasonably assumed that high scales in the building trades would prevail in cities having high general wage levels.

For individual journeymen crafts, scales varied widely among the 77 cities covered in the survey. Carpenters, for example, had scales ranging from \$1.815 in Portland, Maine, to \$3.25 in Newark, New Jersey, on July 1, 1951.

Union scales for the 24 journeymen trades showed considerable variation within cities. The differential and range of union scales of journeymen trades within 6 typical cities in various sections of the country are illustrated in the following tabulation:

2/ Bureau of Labor Statistics' series on expenditures for new construction.

City	Scale range	Difference	
		Cents	per Per-
		hour	cent
Atlanta.....	\$1.75 - \$2.75	100	57
Boston.....	2.22½ - 2.97	74½	34
Chicago.....	2.60 - 3.20	60	23
Dallas.....	1.87½ - 3.12½	125	67
New York.....	2.60 - 3.30	70	27
San Francisco..	2.30 - 3.25	95	41

The difference between the high and low scales of helpers and laborers (representing a fifth of the workers in the industry and grouped into 9 classifications) was greater than that for journeymen in each of the above cities except Boston and Dallas. The differences in the last named cities were 13 and 58 percent, respectively, and in the other 4 cities ranged from 27 percent in Chicago to 76 percent in Atlanta.

Wage scales of organized construction trades journeymen averaged at least \$2.25 an hour in all except 12 of the 77 cities studied and ranged from \$1.98 in Portland, Maine, to \$3.11 in Newark, New Jersey. For helpers and laborers, average scales varied from 90 cents in Charleston (S. C.) to \$2.33 in Newark. On July 1, 1951, scale levels in New York followed those in Newark, averaging \$3.01 for journeymen and \$2.16 for helpers and laborers. The third ranking cities were Pittsburgh (\$2.81) for journeymen and Cleveland (\$2.10) for helpers and laborers. (See table 8.)

Of the 12 cities in which journeymen averaged less than \$2.25 an hour, 8 were in the South and 2 in New England.

When the 77 cities included in the survey are grouped according to population, the average hourly scales on July 1, 1951, were typically higher in the larger metropolitan cities and descended according to the city-size grouping, with the lowest levels prevailing in the smallest city-size group. The difference between the average scales of journeymen and of helpers and laborers in each city-size group closely approximated the over-all national differential of 85 cents.

Within each city-size group, however, there was considerable variation in the average hourly scale of journeymen and of helpers and laborers. In each population grouping, the spread was wider for helpers and laborers than for journeymen. In the group of cities having a population of 250,000 to 500,000 where the spread of rates was greatest, the difference between the highest and lowest level was 86 cents

for journeymen and \$1.25 for helpers and laborers.

On a regional basis, average union hourly scales of all construction trades workers were highest in the Middle Atlantic States (\$2.66) and lowest in the Southeast (\$2.03). The Middle Atlantic and Great Lakes regions, which included 30 of the 77 cities studied, were the only regions to have rate levels exceeding the national average of \$2.42; the level for the Pacific region was equal to the national average. (See table 9.)

The wage levels for all journeymen trades combined ranged from \$2.30 in the Southeast to \$2.88 in the Middle Atlantic States. Average scales were highest in the Middle Atlantic region for all except 4 trades. The only levels below \$2.00 for journeymen applied to composition roofers in the 2 Southern regions and to paperhangers in New England.

Regional levels of union hourly scales for all helper and laborer classifications combined varied from \$1.12 in the Southeast to \$1.94 in the Middle Atlantic States. Levels in excess of \$2.00 were registered by 5 of the 9 helper and laborer classifications in the Middle Atlantic and Pacific regions. Plasterer's laborers in the Great Lakes and Middle West regions also had levels above \$2.00, as did terrazzo workers' helpers in the former region.

Standard Workweek

Changes in straight-time weekly hours between July 1, 1950, and July 1, 1951, had no effect on the average for all building trades workers, which remained at 39.3, but lowered the index a tenth of 1 percent. (See table 10.)

On July 1, 1951, 85 percent of all journeymen and helpers and laborers had a 40-hour standard workweek. Over an eighth of the journeymen and about a tenth of the helpers and laborers were employed under contracts providing for a 35-hour week. This schedule prevailed more frequently for bricklayers, lathers, painters, and bricklayers' tenders than among other trades. A fifth of the plasterers and a ninth of the plasterers' laborers were on a 30-hour standard work schedule. (See table 12.)

Union Scales by City and Trade

Union scales of wages and hours in effect on July 1, 1950, and July 1, 1951, are presented in table 14 for the individual trades in each of the 77 cities included in the study.

TABLE 1A.--Indexes of union hourly wage rates in the building trades, 1907-51
(June 1, 1939 = 100)

Date	All trades	Journey-men	Helpers and laborers	Date	All trades	Journey-men	Helpers and laborers
1907: May 15	29.3	29.7	27.3	1930: May 15	97.0	97.5	93.3
1908: May 15	31.2	31.6	28.5	1931: May 15	97.3	97.8	92.8
1909: May 15	32.7	33.2	29.5	1932: May 15	83.1	83.6	79.2
1910: May 15	34.0	34.6	30.5	1933: May 15	80.8	81.4	75.7
1911: May 15	34.5	35.2	30.6	1934: May 15	81.4	81.8	77.9
1912: May 15	35.3	36.0	30.9	1935: May 15	82.3	82.8	78.3
1913: May 15	36.1	36.9	31.8	1936: May 15	85.3	85.5	82.9
1914: May 15	36.9	37.7	32.1	1937: May 15	91.2	91.4	90.1
1915: May 15	37.2	38.0	32.4	1938: June 1	99.3	99.3	99.2
1916: May 15	38.4	39.3	33.5	1939: June 1	100.0	100.0	100.0
1917: May 15	40.8	41.5	36.8	1940: June 1	101.6	101.4	102.0
1918: May 15	45.3	45.9	42.6	1941: June 1	105.3	105.0	106.8
1919: May 15	51.9	52.4	49.3	1942: July 1	111.9	110.9	117.5
1920: May 15	70.0	70.1	71.5	1943: July 1	112.7	111.5	118.9
1921: May 15	71.3	71.4	72.2	1944: July 1	113.6	112.4	120.3
1922: May 15	66.9	67.3	65.7	1945: July 1	116.0	114.4	125.9
1923: May 15	73.9	74.2	69.7	1946: July 1	129.3	126.8	146.3
1924: May 15	79.8	80.1	75.4	1947: July 1	147.9	144.6	171.1
1925: May 15	82.9	83.1	77.9	1948: July 1	163.5	159.4	192.7
1926: May 15	88.3	88.7	84.9	1949: July 1	170.3	166.1	199.8
1927: May 15	91.3	91.7	86.4	1950: July 1	177.8	173.2	210.8
1928: May 15	91.9	92.4	87.3	1951: July 1	189.1	184.0	225.3
1929: May 15	93.1	93.6	88.8				

TABLE 1B.--Indexes of union hourly wage rates in the building trades, 1907-51
(Average 1947, 1948 and 1949 = 100)

Date	All trades	Journey-men	Helpers and laborers	Date	All trades	Journey-men	Helpers and laborers
1907: May 15	18.2	19.0	14.5	1930: May 15	60.4	62.2	49.7
1908: May 15	19.4	20.2	15.2	1931: May 15	60.6	62.4	49.4
1909: May 15	20.4	21.2	15.7	1932: May 15	51.8	53.4	42.2
1910: May 15	21.2	22.1	16.2	1933: May 15	50.3	51.9	40.3
1911: May 15	21.5	22.5	16.3	1934: May 15	50.7	52.2	41.5
1912: May 15	22.0	23.0	16.4	1935: May 15	51.3	52.8	41.7
1913: May 15	22.5	23.5	16.9	1936: May 15	53.1	54.6	44.1
1914: May 15	23.0	24.1	17.1	1937: May 15	56.8	58.3	48.0
1915: May 15	23.2	24.3	17.2	1938: June 1	61.8	63.4	52.8
1916: May 15	23.9	25.1	17.8	1939: June 1	62.3	63.8	53.2
1917: May 15	25.4	26.5	19.6	1940: June 1	63.3	64.7	54.3
1918: May 15	28.2	29.3	22.7	1941: June 1	65.6	67.0	56.9
1919: May 15	32.3	33.4	26.2	1942: July 1	69.7	70.8	62.5
1920: May 15	43.6	44.7	38.1	1943: July 1	70.2	71.2	63.3
1921: May 15	44.4	45.6	38.4	1944: July 1	70.8	71.7	64.0
1922: May 15	41.7	42.9	35.0	1945: July 1	72.2	73.0	67.0
1923: May 15	46.0	47.4	37.1	1946: July 1	80.5	80.9	77.9
1924: May 15	49.7	51.1	40.1	1947: July 1	92.1	92.3	91.1
1925: May 15	51.6	53.0	41.5	1948: July 1	101.8	101.7	102.6
1926: May 15	55.0	56.6	45.2	1949: July 1	106.1	106.0	106.4
1927: May 15	56.9	58.5	46.0	1950: July 1	110.7	110.5	112.2
1928: May 15	57.2	59.0	46.5	1951: July 1	117.8	117.4	119.9
1929: May 15	58.0	59.7	47.3				

TABLE 2A.--Indexes of union hourly wage rates in each building trade, 1907-51

(June 1, 1939 = 100)

Date	Asbestos-workers	Boiler-makers	Brick-layers	Carpenters	Cement finishers	Electricians (inside wiremen)	Elevator constructors	Glassiers	Lathers	Machinists	Marble setters	Mosaic and terrazzo workers	Painters	Paperhangers	Plasterers
1907: May 15	-	-	37.7	29.8	34.5	27.9	-	-	-	-	37.1	-	26.2	-	37.3
1908: May 15	-	-	38.7	31.7	34.4	30.5	-	-	-	-	37.5	-	29.0	-	37.2
1909: May 15	-	-	39.5	33.4	35.4	31.5	-	-	-	-	37.7	-	31.0	-	37.5
1910: May 15	-	-	40.2	35.0	35.8	32.4	-	-	-	-	38.2	-	33.0	-	37.9
1911: May 15	-	-	40.2	35.5	37.2	32.8	-	-	-	-	38.6	-	33.6	-	38.1
1912: May 15	-	-	40.8	36.3	37.2	33.1	-	-	33.8	-	38.7	-	34.0	-	38.9
1913: May 15	-	-	41.5	36.8	38.0	33.8	-	-	34.6	-	41.3	-	35.5	-	39.3
1914: May 15	-	-	42.5	37.4	38.4	34.9	38.2	-	35.2	-	41.7	-	36.7	-	39.4
1915: May 15	-	-	42.6	37.8	38.8	35.6	38.4	-	35.7	-	42.1	-	36.9	-	39.6
1916: May 15	36.1	-	43.0	39.0	39.1	36.3	39.4	-	36.7	-	42.3	35.1	40.3	-	41.0
1917: May 15	38.0	-	44.5	42.4	41.4	38.7	42.2	-	38.1	-	42.3	36.9	41.5	-	42.2
1918: May 15	42.5	-	47.8	47.1	45.7	43.0	44.9	40.6	41.2	-	44.5	39.9	45.8	-	44.5
1919: May 15	51.7	-	53.1	54.2	41.2	49.3	52.3	43.4	45.8	-	49.5	42.9	53.6	-	51.3
1920: May 15	67.2	-	72.4	72.5	69.6	65.0	67.2	62.8	65.3	-	65.4	63.4	73.0	-	67.0
1921: May 15	68.1	-	71.9	73.1	71.9	67.3	70.7	63.9	66.3	-	66.5	64.6	75.1	-	70.7
1922: May 15	63.4	-	70.0	67.7	66.7	63.5	66.1	64.0	62.3	-	65.1	62.7	70.3	-	67.9
1923: May 15	65.8	-	79.2	75.5	73.0	65.9	70.2	67.9	68.8	-	73.6	64.2	77.1	-	75.6
1924: May 15	73.4	-	83.8	80.8	80.7	73.6	78.8	71.6	74.2	-	77.0	75.8	81.2	-	84.7
1925: May 15	76.4	-	88.7	82.5	81.1	77.4	82.6	79.6	80.9	-	78.6	79.7	85.7	-	86.1
1926: May 15	81.7	-	94.1	88.5	86.6	81.5	87.0	80.7	83.0	-	87.9	81.4	90.9	-	92.4
1927: May 15	85.7	-	96.4	91.4	90.4	84.9	90.2	86.2	86.3	-	89.8	84.7	93.9	-	94.4
1928: May 15	86.3	-	97.2	91.7	89.5	85.7	91.1	87.2	86.6	-	90.2	88.7	95.4	-	94.6
1929: May 15	90.3	-	99.4	93.2	89.5	89.3	91.3	88.5	85.9	-	96.6	93.0	95.2	-	93.5
1930: May 15	95.4	-	101.8	96.9	95.4	90.9	95.6	92.6	89.6	-	96.9	97.4	100.6	-	98.1
1931: May 15	96.4	-	101.6	97.1	95.8	92.1	96.1	93.2	89.1	-	97.4	98.2	101.0	-	97.9
1932: May 15	80.3	-	87.0	79.6	83.6	87.9	89.4	78.0	80.0	-	89.2	91.4	85.3	-	81.4
1933: May 15	80.1	-	84.7	79.4	81.6	80.3	83.1	77.9	77.1	-	86.2	83.3	83.6	-	78.2
1934: May 15	80.0	-	85.0	80.8	82.4	80.4	83.3	82.5	79.1	-	85.8	84.5	82.3	-	79.1
1935: May 15	81.0	-	83.7	81.8	82.9	84.3	83.4	83.3	80.0	-	86.4	84.5	82.6	-	80.0
1936: May 15	84.3	-	84.2	86.0	85.0	86.5	84.4	84.5	82.0	-	86.9	84.7	86.8	-	80.5
1937: May 15	90.8	90.1	90.1	91.6	91.2	90.3	87.7	92.6	87.5	93.7	91.9	88.7	93.0	97.8	88.7
1938: June 1	99.5	99.4	99.5	99.8	99.6	99.5	98.4	99.3	96.8	99.8	99.7	98.6	99.2	99.5	99.2
1939: June 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1940: June 1	101.1	101.5	102.2	102.5	100.9	101.7	101.5	101.1	100.7	100.4	101.6	100.5	100.2	100.8	100.5
1941: June 1	104.8	103.4	104.6	104.8	104.5	106.3	103.8	104.3	104.5	103.2	101.9	101.4	106.9	107.5	102.2
1942: July 1	112.5	109.9	108.3	112.1	110.8	113.5	109.7	108.8	109.1	108.5	103.8	104.6	110.5	112.3	105.0
1943: July 1	112.8	110.1	108.7	112.5	112.0	113.8	110.7	109.6	109.2	111.0	104.3	106.3	112.4	112.6	105.2
1944: July 1	113.3	110.1	110.0	113.4	113.1	114.7	111.3	110.2	110.0	111.6	105.4	107.8	113.5	114.1	105.9
1945: July 1	114.5	111.2	112.7	115.4	114.2	116.9	112.0	112.2	111.5	111.6	109.3	109.8	115.1	114.6	107.6
1946: July 1	125.8	120.0	125.6	129.7	128.2	124.9	119.3	123.4	124.2	124.4	121.4	124.2	127.3	127.4	119.0
1947: July 1	139.7	134.0	145.2	149.6	144.3	140.9	136.6	141.9	144.4	144.0	138.4	145.9	142.4	145.2	139.3
1948: July 1	154.0	150.2	165.6	164.7	161.1	154.4	150.0	155.5	157.8	158.9	154.4	162.3	154.4	153.6	148.2
1949: July 1	165.2	158.6	174.0	169.1	165.8	168.1	159.8	160.5	164.2	167.9	160.4	167.3	162.1	161.9	161.9
1950: July 1	173.3	165.9	180.4	177.4	172.7	172.3	167.5	169.4	179.6	170.4	166.2	176.4	167.7	168.3	169.3
1951: July 1	183.4	174.4	188.0	189.1	183.7	185.4	176.7	177.8	188.0	180.8	171.8	187.4	178.7	179.4	177.5

TABLE 2A.--Indexes of union hourly wage rates in each building trade, 1907-51 - Continued

(June 1, 1939 = 100)

Date	Plumbers	Rodmen	Roofers, composition	Roofers, slate and tile	Sheet-metal workers	Steam and sprinkler fitters	Stonemasons	Structural-iron workers ^{1/}	Tile layers	Bricklayers, tenders	Building laborers	Composition roofers, helpers	Plasterers, laborers	Plumbers, laborers	Tile layers, helpers
1907: May 15	33.3	-	-	-	30.6	30.1	33.9	27.9	-	30.3	30.8	-	31.3	-	-
1908: May 15	33.7	-	-	-	31.3	30.5	34.4	30.4	-	30.3	31.0	-	32.7	-	-
1909: May 15	34.2	-	-	-	31.4	34.7	34.5	32.6	-	30.4	31.3	-	33.0	-	-
1910: May 15	34.5	-	-	-	32.3	32.2	34.8	34.7	-	30.9	32.3	-	33.2	-	-
1911: May 15	36.5	-	-	-	33.3	33.2	35.2	35.5	-	31.2	32.4	-	33.2	-	-
1912: May 15	36.7	-	-	-	34.1	33.8	35.5	36.1	40.1	31.4	32.7	-	33.6	-	32.3
1913: May 15	37.9	-	-	-	35.6	35.0	36.7	37.3	42.1	31.8	34.2	-	34.4	-	32.9
1914: May 15	38.4	-	31.4	35.4	36.9	35.7	37.8	38.0	42.3	32.2	34.5	-	35.1	-	33.2
1915: May 15	38.7	-	32.3	36.8	37.4	36.5	38.2	38.0	42.5	32.4	34.7	-	35.2	-	34.3
1916: May 15	39.0	-	32.5	37.8	38.0	37.2	38.8	38.6	43.1	33.4	36.3	-	36.2	-	35.6
1917: May 15	40.4	-	34.3	40.3	39.7	38.6	40.2	40.9	45.3	37.2	40.1	-	38.6	-	36.5
1918: May 15	44.6	-	38.9	44.2	46.5	42.2	44.1	46.8	46.6	43.4	47.0	-	44.5	-	37.6
1919: May 15	50.4	-	43.2	50.3	51.3	47.4	49.5	52.7	50.8	50.8	53.3	-	50.7	-	45.6
1920: May 15	65.2	-	61.5	65.0	68.8	62.6	69.0	66.8	68.4	73.9	77.2	-	73.5	-	74.6
1921: May 15	68.2	-	64.4	70.8	71.3	63.4	70.7	68.1	67.8	74.2	77.6	-	75.9	-	75.4
1922: May 15	63.4	-	61.6	67.7	66.1	61.9	65.8	61.8	66.7	61.5	72.9	-	66.6	-	70.9
1923: May 15	70.0	-	62.4	75.5	71.2	65.0	77.8	65.9	72.9	67.2	74.3	-	73.4	-	72.5
1924: May 15	76.3	-	72.3	83.6	78.2	74.5	82.5	74.6	82.7	70.2	82.7	-	78.9	-	78.9
1925: May 15	77.9	-	74.5	87.5	80.8	78.4	84.1	75.4	84.7	78.4	79.0	-	84.1	-	81.1
1926: May 15	83.9	-	81.0	90.3	86.3	84.9	92.7	81.1	88.8	85.5	86.9	-	89.1	-	87.9
1927: May 15	85.6	-	83.3	94.6	88.9	87.3	93.9	86.8	93.0	87.5	87.2	-	89.9	-	88.9
1928: May 15	87.4	-	85.2	94.8	87.2	88.6	95.0	87.0	92.9	87.6	87.6	-	91.4	-	90.7
1929: May 15	88.1	-	86.8	95.8	90.6	91.7	97.7	87.7	93.9	91.4	88.0	-	91.7	-	89.4
1930: May 15	91.5	-	92.0	98.8	94.7	93.5	99.1	92.5	98.1	94.9	92.9	-	97.2	-	97.0
1931: May 15	92.6	-	92.6	99.1	96.2	94.0	99.6	93.4	99.2	94.6	91.5	-	96.9	-	97.0
1932: May 15	80.5	-	80.9	86.1	83.4	81.0	88.4	81.0	85.5	78.4	78.7	-	80.4	-	85.6
1933: May 15	79.8	-	79.2	84.0	81.0	78.6	82.5	80.1	82.9	77.4	74.1	-	75.7	-	81.7
1934: May 15	80.5	-	80.7	83.5	81.3	79.5	82.4	81.1	82.9	82.5	76.9	-	77.8	-	81.8
1935: May 15	81.8	-	83.0	85.7	81.9	80.8	82.2	81.8	83.6	79.9	78.0	-	79.1	-	84.5
1936: May 15	83.9	-	83.5	86.4	83.5	83.5	83.2	83.9	85.2	84.2	84.7	-	80.7	-	85.8
1937: May 15	88.5	90.2	90.0	92.8	89.6	88.1	91.9	91.6	91.2	90.6	92.7	93.9	87.9	-	90.4
1938: June 1	99.1	99.0	99.7	99.0	98.6	99.3	99.7	98.9	99.9	99.7	99.4	99.7	99.2	97.2	99.7
1939: June 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1940: June 1	101.6	101.2	102.3	101.7	101.8	100.3	99.5	100.4	100.2	103.8	101.6	103.6	100.2	104.6	100.2
1941: June 1	106.0	106.4	106.5	104.0	106.5	103.4	102.1	105.2	101.6	107.3	107.6	107.5	102.5	110.4	102.5
1942: July 1	110.5	111.0	116.1	113.1	116.0	109.3	108.0	108.7	106.6	115.7	119.6	118.8	110.1	118.3	109.5
1943: July 1	110.9	111.6	116.6	114.0	116.4	109.9	108.4	109.1	108.2	116.4	121.3	119.5	110.8	119.0	110.6
1944: July 1	111.5	112.1	117.3	114.6	117.2	110.5	109.0	109.8	109.2	117.4	112.9	122.9	111.6	121.8	111.1
1945: July 1	114.0	114.4	118.8	116.9	118.4	114.3	111.4	111.6	112.8	121.8	129.9	122.9	115.7	124.8	112.6
1946: July 1	123.2	126.3	132.3	127.1	133.0	124.6	126.5	121.4	127.7	141.7	152.2	139.0	130.3	142.2	130.6
1947: July 1	142.9	142.0	153.8	141.0	146.8	139.1	145.0	136.3	149.3	165.6	177.9	153.7	154.0	162.9	160.8
1948: July 1	158.2	158.0	170.5	156.8	164.4	154.3	166.0	151.9	166.9	185.5	200.8	176.5	173.3	182.2	182.1
1949: July 1	162.8	165.0	178.4	165.6	169.6	161.3	175.7	157.4	174.2	190.4	208.4	186.3	179.8	194.3	190.1
1950: July 1	166.7	171.6	185.8	169.4	177.9	168.3	187.1	164.8	178.2	203.4	220.0	195.6	186.1	203.0	196.5
1951: July 1	176.6	183.1	196.9	182.6	188.1	178.6	193.6	175.7	190.6	213.9	235.6	209.9	204.1	217.0	209.8

^{1/} Included rodmen prior to 1940.

TABLE 2B.--Indexes of union hourly wage rates in each building trade, 1907-51

(Average 1947, 1948 and 1949 = 100)

Date	Asbestos workers	Boiler-makers	Brick-layers	Car-penters	Cement finishers	Electricians (inside wiremen)	Elevator constructors	Gla-ziers	Lath-ers	Ma-chinists	Marble setters	Mosaic and ter-razzo workers	Paint-ers	Paper-hangers	Plas-terers
1907: May 15	-	-	23.3	18.5	22.0	18.1	-	-	-	-	24.6	-	17.1	-	24.9
1908: May 15	-	-	23.9	19.7	21.9	19.7	-	-	-	-	24.8	-	19.0	-	24.8
1909: May 15	-	-	24.4	20.7	22.5	20.4	-	-	-	-	25.0	-	20.3	-	25.0
1910: May 15	-	-	24.9	21.7	22.8	21.0	-	-	-	-	25.3	-	21.6	-	25.3
1911: May 15	-	-	24.9	22.0	23.7	21.2	-	-	-	-	25.6	-	22.0	-	25.4
1912: May 15	-	-	25.2	22.5	23.7	21.4	-	-	21.7	-	25.6	-	22.2	-	26.0
1913: May 15	-	-	25.7	22.8	24.2	21.9	-	-	22.3	-	27.3	-	23.2	-	26.2
1914: May 15	-	-	26.3	23.2	24.4	22.6	25.7	-	22.6	-	27.6	-	24.0	-	26.3
1915: May 15	-	-	26.4	23.5	24.7	23.0	25.8	-	23.0	-	27.9	-	24.1	-	26.4
1916: May 15	23.6	-	26.6	24.2	24.9	23.5	26.5	-	23.6	-	28.0	22.1	26.3	-	27.4
1917: May 15	24.8	-	27.5	26.3	26.4	25.1	28.4	-	24.5	-	28.0	23.3	27.1	-	28.2
1918: May 15	27.8	-	29.6	29.2	29.1	27.8	30.2	26.6	26.5	-	29.5	25.2	29.9	-	29.7
1919: May 15	33.8	-	32.9	33.6	26.2	31.9	35.1	28.4	29.5	-	32.8	27.1	35.0	-	34.2
1920: May 15	43.9	-	44.8	45.0	44.3	42.1	45.2	41.1	42.0	-	43.3	40.0	47.7	-	44.7
1921: May 15	44.5	-	44.5	45.4	45.8	43.6	47.5	41.9	42.6	-	44.0	40.8	49.1	-	47.2
1922: May 15	41.4	-	43.3	42.0	42.5	41.1	44.4	41.9	40.1	-	43.1	39.6	46.0	-	45.3
1923: May 15	43.0	-	49.0	46.9	46.5	42.7	47.2	44.5	44.3	-	48.7	40.5	50.4	-	50.5
1924: May 15	48.0	-	51.9	50.1	51.4	47.6	53.0	46.9	47.7	-	51.0	47.8	53.1	-	56.5
1925: May 15	49.9	-	54.9	51.2	51.6	50.1	55.5	52.2	52.0	-	52.0	50.3	56.0	-	57.5
1926: May 15	53.4	-	58.2	54.9	55.1	52.8	58.5	52.9	53.4	-	58.2	51.4	59.4	-	61.7
1927: May 15	56.0	-	59.7	56.7	57.6	55.0	60.6	56.5	55.5	-	59.4	53.4	61.4	-	63.0
1928: May 15	56.4	-	60.1	56.9	57.0	55.5	61.2	57.1	55.7	-	59.7	56.0	62.4	-	63.2
1929: May 15	59.0	-	61.5	57.8	57.0	57.8	61.4	58.0	55.3	-	63.9	58.7	62.2	-	62.4
1930: May 15	62.4	-	63.0	60.1	60.7	58.9	64.2	60.7	57.6	-	64.1	61.5	65.8	-	65.5
1931: May 15	63.0	-	62.9	60.3	61.0	59.6	64.6	61.1	57.3	-	64.5	62.0	66.0	-	65.4
1932: May 15	52.5	-	53.8	49.4	53.2	56.9	60.1	51.1	51.5	-	59.0	57.7	55.8	-	54.3
1933: May 15	52.4	-	52.4	49.3	52.0	52.0	55.8	51.0	49.6	-	57.1	52.6	54.7	-	52.2
1934: May 15	52.3	-	52.6	50.1	52.5	52.1	56.0	54.1	50.9	-	56.8	53.3	53.8	-	52.8
1935: May 15	53.0	-	51.8	50.8	52.8	54.6	56.0	54.6	51.5	-	57.2	53.3	54.0	-	53.4
1936: May 15	55.1	-	52.1	53.4	54.1	56.0	56.7	55.4	52.7	-	57.5	53.4	56.7	-	53.7
1937: May 15	59.4	61.0	55.8	56.8	58.1	58.5	58.9	60.7	56.3	59.7	60.8	56.0	60.8	63.7	59.2
1938: June 1	65.0	67.3	61.6	61.9	63.4	64.4	66.1	65.1	62.3	63.6	66.0	62.2	64.9	64.8	66.2
1939: June 1	65.4	67.8	61.9	62.1	63.7	64.7	67.2	65.5	64.3	63.7	66.2	63.1	65.4	65.1	66.8
1940: June 1	66.1	68.8	63.2	63.6	64.2	65.8	68.2	66.2	64.8	64.0	67.3	63.4	65.5	65.6	67.1
1941: June 1	68.5	70.1	64.7	65.0	66.5	68.8	69.8	68.3	67.2	65.8	67.5	64.0	69.9	70.0	68.2
1942: July 1	73.5	74.5	67.0	69.6	70.5	73.5	73.7	71.3	70.2	69.1	68.7	66.0	72.2	73.1	70.1
1943: July 1	73.7	74.6	67.3	69.8	71.3	73.7	74.4	71.8	70.2	70.7	69.0	67.1	73.5	73.3	70.2
1944: July 1	74.1	74.6	68.1	70.4	72.0	74.3	74.8	72.2	70.8	71.1	69.8	68.0	74.2	74.3	70.7
1945: July 1	74.9	75.3	69.7	71.6	72.7	75.7	75.3	73.5	71.7	71.1	72.4	69.3	75.2	74.6	71.8
1946: July 1	82.2	81.3	77.7	80.5	81.6	80.9	80.2	80.8	79.9	79.3	80.4	78.4	83.2	83.0	79.4
1947: July 1	91.3	90.8	89.9	92.8	91.9	91.2	91.8	93.0	92.9	91.8	91.6	92.1	93.1	94.6	93.0
1948: July 1	100.7	101.8	102.5	102.2	102.6	100.0	100.8	101.9	101.5	101.3	102.2	102.4	100.9	100.0	98.9
1949: July 1	108.0	107.5	107.7	104.9	105.6	108.8	107.4	105.2	105.6	107.0	106.2	105.6	106.0	105.4	108.1
1950: July 1	113.3	112.4	111.6	110.1	110.0	111.5	112.6	111.0	115.5	108.6	110.0	111.3	109.6	109.6	113.0
1951: July 1	119.9	118.2	116.3	117.4	117.0	120.0	118.8	116.5	120.9	115.2	113.7	118.2	116.8	116.8	118.5

TABLE 2B.--Indexes of union hourly wage rates in each building trade, 1907-51 - Continued

(Average 1947, 1948 and 1949 = 100)

Date	Plumbers	Rodmen	Roofers, composition	Roofers, slate and tile	Sheet-metal workers	Steam and sprinkler fitters	Stonemasons	Structural-iron workers 1/	Tile layers	Bricklayers' tenders	Building laborers	Composition roofers' helpers	Plasterers' laborers	Plumbers' laborers	Tile layers' helpers
1907: May 15	21.5	-	-	-	19.1	19.9	20.9	18.8	-	16.8	15.7	-	18.5	-	-
1908: May 15	21.8	-	-	-	19.5	20.1	21.2	20.5	-	16.8	15.8	-	19.3	-	-
1909: May 15	22.1	-	-	-	19.6	22.9	21.3	21.9	-	16.8	16.0	-	19.5	-	-
1910: May 15	22.3	-	-	-	20.2	21.2	21.5	23.4	-	17.1	16.5	-	19.6	-	-
1911: May 15	23.6	-	-	-	20.8	21.9	21.7	23.9	-	17.3	16.6	-	19.6	-	-
1912: May 15	23.7	-	-	-	21.3	22.3	21.9	24.3	24.5	17.4	16.7	-	19.9	-	18.2
1913: May 15	24.5	-	-	-	22.2	23.1	22.6	25.1	25.8	17.6	17.5	-	20.4	-	18.5
1914: May 15	24.8	-	18.7	22.9	23.0	23.6	23.3	25.6	25.9	17.8	17.6	-	20.8	-	18.7
1915: May 15	25.0	-	19.3	23.8	23.3	24.1	23.6	25.6	26.0	18.0	17.7	-	20.8	-	19.3
1916: May 15	25.2	-	19.4	24.5	23.7	24.5	23.9	26.0	26.4	18.5	18.5	-	21.4	-	20.0
1917: May 15	26.1	-	20.5	26.1	24.8	25.5	24.8	27.5	27.7	20.6	20.5	-	22.8	-	20.5
1918: May 15	28.8	-	23.2	28.6	29.0	27.8	27.2	31.5	28.5	24.0	24.0	-	26.3	-	21.2
1919: May 15	32.6	-	25.8	32.6	32.0	31.3	30.5	35.5	31.1	28.1	27.2	-	30.0	-	25.7
1920: May 15	42.2	-	36.7	42.1	42.9	41.3	42.5	45.0	41.8	40.9	39.4	-	43.5	-	42.0
1921: May 15	44.1	-	38.4	45.8	44.5	41.8	43.6	45.8	41.5	41.1	39.7	-	44.9	-	42.4
1922: May 15	41.0	-	36.8	43.8	41.2	40.8	40.6	41.6	40.8	34.1	37.3	-	39.4	-	39.9
1923: May 15	45.3	-	37.2	48.9	44.4	42.9	48.0	44.4	44.6	37.2	38.0	-	43.4	-	40.8
1924: May 15	49.3	-	43.1	54.1	48.8	49.2	50.9	50.2	50.6	38.9	42.3	-	46.7	-	44.4
1925: May 15	50.4	-	44.5	56.6	50.4	51.7	51.8	50.8	51.8	43.4	40.4	-	49.8	-	45.6
1926: May 15	54.3	-	48.3	58.5	53.8	56.0	57.1	54.6	54.3	47.4	44.4	-	52.7	-	49.5
1927: May 15	55.4	-	49.7	61.2	55.5	57.6	57.9	58.4	56.9	48.5	44.6	-	53.2	-	50.0
1928: May 15	56.5	-	50.8	61.4	54.4	58.5	58.6	58.6	56.8	48.5	44.8	-	54.1	-	51.1
1929: May 15	57.0	-	51.8	62.0	56.5	58.8	60.2	59.0	57.4	50.6	45.0	-	54.3	-	50.3
1930: May 15	59.2	-	54.9	64.0	59.1	61.7	61.1	62.3	60.0	52.6	47.5	-	57.5	-	54.6
1931: May 15	59.9	-	55.3	64.2	60.0	62.0	61.4	62.9	60.7	52.4	46.8	-	57.3	-	54.6
1932: May 15	52.1	-	48.3	55.7	52.0	53.4	54.5	54.5	52.3	43.4	40.2	-	47.6	-	48.2
1933: May 15	51.6	-	47.3	54.4	50.5	51.9	50.9	53.9	50.7	42.9	37.9	-	44.8	-	46.0
1934: May 15	52.1	-	48.2	54.1	50.7	52.5	50.8	54.6	50.7	45.7	39.3	-	46.0	-	46.0
1935: May 15	52.9	-	49.5	55.5	51.1	53.3	50.7	55.1	51.1	44.3	39.9	-	46.8	-	47.6
1936: May 15	54.3	-	49.8	55.9	52.1	55.1	51.3	56.5	52.1	46.6	43.3	-	47.7	-	48.3
1937: May 15	57.2	58.2	53.7	60.1	55.9	58.1	56.6	61.7	55.8	50.2	47.4	54.5	52.0	-	50.9
1938: June 1	64.1	63.9	59.5	64.1	61.5	65.5	61.5	66.6	61.1	55.2	50.8	57.9	58.7	54.1	56.1
1939: June 1	64.7	64.5	59.7	64.7	62.4	66.0	61.6	67.3	61.2	55.4	51.1	58.1	59.2	55.6	56.3
1940: June 1	65.7	65.3	61.1	65.8	63.5	66.2	61.3	67.6	61.3	57.5	51.9	60.2	59.3	58.2	56.4
1941: June 1	68.6	68.6	63.6	67.3	66.5	68.2	62.9	70.8	62.2	59.4	55.0	62.4	60.6	61.4	57.7
1942: July 1	71.5	71.6	69.3	73.2	72.4	72.1	66.6	73.2	65.2	64.1	61.1	69.0	65.1	65.8	61.6
1943: July 1	71.7	72.0	69.6	73.8	72.6	72.5	66.8	73.5	66.2	64.5	62.0	69.4	65.6	66.2	62.3
1944: July 1	72.1	72.3	70.0	74.2	73.1	72.9	67.2	73.9	66.8	65.0	57.7	71.4	66.0	67.7	62.5
1945: July 1	73.7	73.8	70.9	75.7	73.9	75.4	68.7	75.1	69.0	67.5	66.4	71.4	68.4	69.4	63.4
1946: July 1	79.7	81.5	79.0	82.3	83.0	82.2	78.0	81.7	78.1	78.5	77.8	80.7	77.1	79.1	73.5
1947: July 1	92.4	91.6	91.8	91.3	91.6	91.8	89.4	91.8	91.3	91.7	90.9	89.3	91.1	90.6	90.5
1948: July 1	102.3	101.9	101.8	101.5	102.6	101.8	102.3	102.3	102.1	102.8	102.6	102.5	102.5	101.3	102.5
1949: July 1	105.3	106.5	106.5	107.2	105.8	106.4	108.3	106.0	106.6	105.5	106.5	108.2	106.4	108.1	107.0
1950: July 1	107.8	110.7	110.9	109.7	111.0	111.0	115.3	111.0	109.0	112.7	112.4	113.6	110.1	112.9	110.6
1951: July 1	114.2	118.1	117.5	118.2	117.4	117.8	119.3	118.3	116.6	118.5	120.4	121.9	120.7	120.7	118.1

1/ Included rodmen prior to 1940.

TABLE 3.—Increases in rates in the building trades, July 1, 1950 and July 1, 1951, and average union hourly wage rates, July 1, 1951

Trade	Amount of increase July 1, 1950 to July 1, 1951		Range of rates July 1, 1951		Average rate per hour July 1, 1951	Trade	Amount of increase July 1, 1950 to July 1, 1951		Range of rates July 1, 1951		Average rate per hour July 1, 1951
	Percent	Cents per hour	Low	High			Percent	Cents per hour	Low	High	
All building trades	6.3	14	-	-	\$2.42	Journeymen: - Continued					
Journeymen	6.3	15	-	-	2.60	Roofers, composition	6.0	14	\$1.40	\$3.14	\$2.41
Asbestos workers	5.9	15	\$2.09	\$3.00	2.63	Roofers, slate and tile ..	7.8	18	1.70	3.25	2.45
Boilermakers	5.1	13	1.90	3.25	2.62	Sheet-metal workers	5.7	14	2.00	3.10	2.55
Bricklayers	4.2	12	2.48	3.50	2.95	Steam and sprinkler fitters	6.1	16	2.00	3.10	2.70
Carpenters	6.6	16	1.82	3.25	2.53	Stonemasons	3.5	10	2.40	3.50	2.92
Cement finishers	6.4	15	1.75	3.40	2.53	Structural-iron workers	6.6	17	2.00	3.35	2.69
Electricians (inside wiremen)	7.6	19	2.00	3.25	2.73	Tile layers	7.0	18	2.20	3.30	2.72
Elevator con- structors	5.5	14	2.27	3.02	2.72	Helpers and laborers	6.9	11	-	-	1.75
Glaziers	4.9	11	1.38	3.00	2.34	Bricklayers' tenders	5.1	9	.95	2.45	1.90
Lathers	4.7	13	2.13	3.50	2.90	Building laborers	7.1	11	.88	2.34	1.65
Machinists	6.1	15	2.00	3.00	2.57	Composition roofers' helpers	7.3	10	.90	1.87	1.50
Marble setters	3.4	9	2.00	3.30	2.64	Elevator constructors' helpers	5.6	10	1.59	2.20	1.95
Mosaic and terrazzo workers	6.2	16	2.00	3.30	2.72	Marble setters' helpers ..	5.6	9	1.10	2.25	1.78
Painters	6.6	15	1.50	3.25	2.41	Plasterers' laborers	9.7	18	.95	2.88	2.00
Paperhangers	6.6	15	1.50	2.64	2.38	Plumbers' laborers	6.9	12	.88	2.20	1.84
Plasterers	4.9	14	2.25	3.40	2.93	Terrazzo workers' helpers	5.3	10	1.20	2.50	2.07
Plumbers	5.9	15	2.00	3.10	2.72	Tile layers' helpers	6.8	13	1.00	2.40	1.97
Rodmen	6.7	16	1.89	3.35	2.52						

TABLE 4.—Percent increase in union wage rates and percent of building trades workers affected, July 1, 1950 to July 1, 1951

Trade	Percent of union workers affected by -			Percent of total workers affected by increase of -						
	No change	Increase	Decrease	Less than 5 percent	5 and under 10 percent	10 and under 15 percent	15 and under 20 percent	20 and under 25 percent	25 and under 30 percent	30 percent and over
All building trades	14.3	85.6	0.1	15.5	37.2	29.9	1.5	1.4	(1/)	0.1
Journeymen	14.9	85.1	(1/)	14.1	38.8	30.2	.9	1.1	(1/)	(1/)
Asbestos workers	17.9	82.1	-	20.1	24.4	37.4	.2	-	-	-
Boilermakers	7.1	92.9	-	45.5	34.8	12.6	-	-	-	-
Bricklayers	44.0	56.0	-	9.8	23.9	19.0	2.0	1.3	-	-
Carpenters	14.3	85.7	-	13.0	33.2	37.0	.1	2.4	(1/)	-
Cement finishers	16.1	83.9	-	13.0	33.2	37.1	.4	-	0.2	-
Electricians (inside wiremen) .....	.9	99.1	-	14.2	44.4	37.5	3.0	-	-	(1/)
Elevator constructors	11.9	88.1	-	31.0	42.7	11.5	2.9	-	-	-
Glaziers	29.3	70.7	-	12.3	31.7	26.7	(1/)	-	-	-
Lathers	38.8	61.2	-	4.7	36.7	16.0	2.5	1.2	.1	-
Machinists	11.0	89.0	-	44.6	25.8	12.3	1.3	5.0	-	-
Marble setters	46.6	53.4	-	16.1	26.3	8.5	2.5	-	-	-
Mosaic and terrazzo workers	33.5	66.5	-	8.5	27.3	18.2	2.9	8.7	.9	-
Painters	2.6	97.4	-	14.1	67.5	15.3	.5	-	-	(1/)
Paperhangers	3.7	96.3	-	9.4	63.7	23.1	.1	-	-	-
Plasterers	29.4	70.6	-	17.5	25.6	24.6	.6	2.1	.2	-
Plumbers	23.3	76.7	-	8.6	25.6	41.1	1.4	-	-	-
Rodmen	10.3	89.7	-	11.4	46.8	31.5	-	-	-	-
Roofers, composition	14.9	85.1	-	16.8	36.0	30.8	1.5	-	-	-
Roofers, slate and tile	5.3	94.2	.5	13.3	28.5	50.1	2.3	-	-	-
Sheet-metal workers	13.2	86.8	-	25.6	39.7	21.1	.4	-	-	-
Steam and sprinkler fitters	19.9	80.1	-	10.8	34.0	32.6	2.7	-	-	-
Stonemasons	47.1	52.9	-	15.6	26.7	9.4	.9	.3	-	-
Structural-iron workers	11.1	88.9	-	9.0	50.5	28.7	.7	-	-	-
Tile layers	10.6	89.4	-	12.3	55.9	18.8	.8	.7	.9	-

See footnote at end of table.

TABLE 4.—Percent increase in union wage rates and percent of building trades workers affected, July 1, 1950 to July 1, 1951 - Continued

Trade	Percent of union workers affected by -			Percent of total workers affected by increase of -						
	No change	Increase	Decrease	Less than 5 percent	5 and under 10 percent	10 and under 15 percent	15 and under 20 percent	20 and under 25 percent	25 and under 30 percent	30 percent and over
Helpers and laborers	12.1	87.6	0.3	21.0	30.5	28.9	3.9	2.6	(1/)	0.7
Bricklayers' tenders	8.3	89.9	1.8	42.0	27.5	14.6	5.2	.6	-	-
Building laborers	14.0	86.0	-	16.7	26.3	36.3	3.2	3.5	-	-
Composition roofers' helpers	13.7	86.3	-	10.5	22.5	53.3	-	-	-	-
Elevator constructors' helpers	14.2	85.4	.4	14.9	49.5	19.1	1.7	.2	-	-
Marble setters' helpers	15.8	84.2	-	20.9	37.2	21.3	3.8	1.0	-	-
Plasterers' laborers	7.3	92.7	-	19.6	38.7	16.8	9.4	1.3	-	6.9
Plumbers' laborers	7.0	93.0	-	5.3	66.1	16.2	1.0	1.2	0.8	2.4
Terrazzo workers' helpers	28.3	71.7	-	18.7	31.1	11.6	6.4	3.7	.2	-
Tile layers' helpers	4.3	95.7	-	18.8	59.9	14.8	.8	1.4	-	-

1/ Less than 0.05 of 1 percent.

TABLE 5.—Cents-per-hour increases in union wage rates and percent of building trades workers affected, July 1, 1950 to July 1, 1951

Trade	Percent of union workers affected by increase	Percent of workers affected by increase of -									
		Less than 5 cents	5 and under 10 cents	10 and under 15 cents	15 and under 20 cents	20 and under 25 cents	25 and under 30 cents	30 and under 35 cents	35 and under 40 cents	40 and under 45 cents	45 cents and over
All building trades	85.6	2.7	6.7	24.5	18.1	19.5	11.7	0.6	0.7	0.7	0.4
Journeyman	85.1	.3	4.9	23.5	17.2	22.6	14.1	.6	.7	.9	.3
Asbestos workers	82.1	-	7.1	31.4	5.2	18.3	17.8	2.3	-	-	-
Boilermakers	92.9	-	8.2	55.6	10.7	7.0	11.4	-	-	-	-
Bricklayers	56.0	1.0	(1/)	13.2	2.6	12.8	20.4	2.4	1.6	.2	1.8
Carpenters	85.7	-	3.6	22.8	16.3	34.0	6.5	-	.4	2.1	(1/)
Cement finishers	83.9	.1	6.9	22.1	14.9	18.0	21.7	-	-	-	.2
Electricians (inside wiremen) ...	99.1	-	4.0	21.7	13.6	19.4	36.6	.8	3.0	-	(1/)
Elevator constructors	88.1	5.2	19.2	22.1	10.0	21.6	5.3	2.3	2.4	-	-
Glaziers	70.7	1.0	9.5	17.0	22.0	13.2	6.4	1.6	-	-	-
Lathers	61.2	-	.3	21.4	5.1	12.2	13.6	4.7	-	-	3.9
Machinists	89.0	1.5	5.0	39.2	12.7	8.6	15.7	-	1.3	-	5.0
Marble setters	53.4	-	7.6	13.8	16.6	5.7	6.9	.3	2.5	-	-
Mosaic and terrazzo workers	66.5	-	2.9	10.0	14.1	10.1	13.6	4.5	1.7	-	9.6
Painters	97.4	.7	6.5	29.2	43.0	13.1	4.7	-	(1/)	.2	(1/)
Paperhangers	96.3	.2	3.7	43.9	24.7	20.6	3.2	-	-	-	-
Plasterers	70.6	-	-	28.0	9.0	3.1	26.6	1.3	-	.3	2.3
Plumbers	76.7	-	5.4	18.1	8.4	11.8	31.1	.5	1.4	-	-
Rodmen	89.7	-	4.5	24.9	23.0	20.9	16.4	-	-	-	-
Roofers, composition	85.1	3.8	7.2	30.1	15.9	5.4	22.7	-	-	-	-
Roofers, slate and tile	94.2	4.1	8.9	15.6	13.1	8.2	44.3	-	-	-	-
Sheet-metal workers	86.8	-	16.0	20.9	23.7	13.0	12.8	.2	.2	-	-
Steam and sprinkler fitters	80.1	-	6.5	19.7	5.4	23.2	21.6	1.2	1.8	.7	-
Stonemasons	52.9	-	-	21.3	8.0	6.0	14.7	1.3	.6	.5	.5
Structural-iron workers	88.9	-	4.4	21.9	13.1	25.7	20.6	2.5	.7	-	-
Tile layers	89.4	-	4.6	15.7	4.5	44.1	16.6	1.5	.8	-	1.6
Helpers and laborers	87.6	11.9	13.5	29.0	21.3	7.3	2.6	.9	.4	(1/)	.7
Bricklayers' tenders	89.9	34.5	11.0	20.9	13.2	6.4	1.8	2.1	-	-	-
Building laborers	86.0	6.8	15.2	28.5	24.3	8.6	2.6	-	-	-	-
Composition roofers' helpers	86.3	10.5	12.5	15.8	47.5	-	-	-	-	-	-
Elevator constructors' helpers ...	85.4	6.4	11.5	39.2	24.1	2.6	1.4	.2	-	-	-
Marble setters' helpers	84.2	14.3	6.6	43.7	11.1	3.7	4.8	-	-	-	-
Plasterers' laborers	92.7	7.8	12.0	33.7	12.3	4.2	4.0	6.9	4.9	-	6.9
Plumbers' laborers	93.0	4.9	4.8	57.0	21.0	1.2	1.7	-	-	-	2.4
Terrazzo workers' helpers	71.7	5.3	13.6	28.4	6.7	5.7	7.8	.3	-	3.7	.2
Tile layers' helpers	95.7	10.4	11.9	21.5	39.2	10.3	2.4	-	-	-	-

1/ Less than 0.05 of 1 percent.

TABLE 6.—Increases in union wage rates for major building tradesgroups in 77 cities, July 1, 1950 to July 1, 1951

City and state	Percent of increase			Cents-per-hour increase			City and state	Percent of increase			Cents-per-hour increase		
	All trades	Journeymen	Helpers and laborers	All trades	Journeymen	Helpers and laborers		All trades	Journeymen	Helpers and laborers	All trades	Journeymen	Helpers and laborers
All cities	6.3	6.3	6.9	14.4	15.3	11.2	Mobile, Ala.	10.0	9.2	12.5	17.0	19.3	13.3
Atlanta, Ga.	7.1	7.4	2.9	14.0	15.6	3.1	Newark, N. J.	6.7	6.7	6.5	18.7	19.5	14.3
Baltimore, Md.	5.0	5.6	2.2	10.4	13.5	3.1	New Haven, Conn.	4.7	4.8	4.1	10.3	11.3	6.7
Birmingham, Ala.	6.6	7.6	1.2	12.4	16.2	1.4	New Orleans, La.	3.5	3.9	1.0	6.7	8.3	1.2
Boston, Mass.	5.6	6.1	3.7	12.7	14.9	6.5	New York, N. Y.	1.3	1.7	2.3	4.9	4.9	4.8
Buffalo, N. Y.	6.3	5.3	10.4	14.4	12.9	18.8	Norfolk, Va.	9.4	9.9	2.8	18.0	20.2	2.9
Butte, Mont.	6.3	7.4	1.2	12.8	16.3	1.9	Oakland, Calif.	8.9	8.9	8.7	19.8	21.0	14.6
Charleston, S. C.	11.3	12.1	(1/)	20.2	23.4	(1/)	Oklahoma City, Okla.	5.3	6.3	.1	10.8	14.4	1.5
Charleston, W. Va.	8.8	6.6	17.8	18.1	15.3	24.9	Omaha, Nebr.	10.4	9.9	13.0	20.5	21.5	17.4
Charlotte, N. C.	9.1	9.2	7.1	15.9	17.3	6.3	Peoria, Ill.	6.7	6.3	8.8	15.1	15.1	15.1
Chattanooga, Tenn.	15.6	14.6	19.4	26.2	29.4	19.9	Philadelphia, Pa.	4.2	4.3	4.0	9.5	11.0	5.9
Chicago, Ill.	6.8	6.7	8.1	16.9	17.0	15.1	Phoenix, Ariz.	9.0	7.6	12.5	18.7	17.8	20.3
Cincinnati, Ohio	6.0	7.7	.3	13.0	17.9	.5	Pittsburgh, Pa.	4.6	4.4	5.9	11.3	11.7	10.0
Cleveland, Ohio	4.7	4.4	6.2	11.7	11.6	12.3	Portland, Maine	8.5	8.9	5.8	14.7	16.2	7.5
Columbus, Ohio	5.5	5.9	3.9	12.1	13.8	6.3	Portland, Oreg.	8.5	9.1	4.4	18.5	20.4	7.7
Dallas, Texas	6.7	5.8	10.0	13.1	13.3	12.8	Providence, R. I.	5.2	5.9	3.0	10.5	12.9	4.8
Dayton, Ohio	9.1	9.1	9.8	20.5	21.4	15.6	Reading, Pa.	7.3	7.5	6.2	15.3	17.0	9.0
Denver, Colo.	5.3	3.6	7.9	10.5	8.6	12.6	Richmond, Va.	7.4	7.4	7.2	14.0	15.5	7.2
Des Moines, Iowa	3.6	3.7	3.1	7.6	8.5	5.0	Rochester, N. Y.	4.8	5.1	3.7	10.4	12.2	6.2
Detroit, Mich.	4.3	4.2	5.0	10.5	10.7	9.2	Rock Island (Ill.) district 2/	4.6	5.4	1.7	9.7	12.2	2.8
Duluth, Minn.	7.9	7.7	8.6	15.4	16.1	12.7	St. Louis, Mo.	6.8	6.2	9.3	15.9	15.8	16.2
El Paso, Texas	11.8	10.0	20.5	21.9	22.0	21.8	St. Paul, Minn.	10.2	9.9	11.0	19.9	21.7	17.1
Erie, Pa.	7.9	7.9	7.9	16.5	17.5	12.4	Salt Lake City, Utah	9.1	8.3	12.7	17.2	17.1	17.4
Grand Rapids, Mich.	7.3	7.2	8.0	15.3	16.1	12.2	San Antonio, Texas	9.3	9.4	7.9	18.6	20.4	9.2
Houston, Texas	10.0	10.0	9.9	21.2	22.8	12.8	San Francisco, Calif.	9.0	9.0	8.8	20.3	21.1	14.8
Indianapolis, Ind.	7.6	7.3	9.2	16.8	17.4	14.6	Savannah, Ga.	11.1	10.2	16.9	18.8	20.2	15.0
Jackson, Miss.	7.6	7.4	10.0	13.9	15.0	9.2	Soranton, Pa.	6.1	7.1	.9	12.3	15.7	1.3
Jacksonville, Fla.	12.0	11.8	16.0	22.5	23.5	13.7	Seattle, Wash.	9.1	9.2	9.0	20.7	21.4	16.6
Kansas City, Mo.	6.7	6.7	7.0	14.8	15.3	11.6	South Bend, Ind.	9.8	9.7	9.9	20.3	22.1	16.6
Knoxville, Tenn.	11.3	9.7	20.5	20.2	20.4	19.6	Spokane, Wash.	8.9	8.9	9.2	19.4	20.2	15.2
Little Rock, Ark.	9.5	10.1	.2	18.3	20.5	2.2	Springfield, Mass.	6.1	6.4	4.8	12.3	14.2	7.2
Los Angeles, Calif.	9.1	8.5	13.6	20.1	19.7	22.5	Syracuse, N. Y.	10.3	8.3	16.4	21.0	19.2	24.7
Louisville, Ky.	4.7	4.6	4.8	9.7	10.5	7.1	Toledo, Ohio	5.2	5.2	5.1	12.0	13.1	9.6
Manchester, N. H.	3.8	4.1	2.3	7.3	8.5	3.2	Washington, D. C.	5.2	4.5	8.5	12.1	11.8	12.8
Memphis, Tenn.	10.5	10.6	10.2	18.0	21.8	10.0	Wichita, Kans.	5.1	6.5	.2	10.0	14.2	2.2
Miami, Fla.	13.9	14.5	6.6	28.1	32.3	6.9	Worcester, Mass.	6.2	5.7	10.4	12.8	12.4	14.9
Milwaukee, Wis.	8.1	7.7	10.1	18.2	18.2	18.3	York, Pa.	5.7	6.3	3.5	9.6	11.8	4.4
Minneapolis, Minn.	9.5	9.6	9.0	19.7	21.1	14.4	Youngstown, Ohio	5.6	5.1	7.4	12.7	12.7	12.5

1/ Less than 0.05 of 1 percent.

2/ Includes Rock Island and Moline, Ill., and Davenport, Iowa.

TABLE 7.—Distribution of union members in the building trades by hourly wage rates, July 1, 1951

Trade	Average rate per hour	Percent of union journeymen whose rates (in cents) per hour were -																	
		Under 180	180 and under 190	190 and under 200	200 and under 210	210 and under 220	220 and under 230	230 and under 240	240 and under 250	250 and under 260	260 and under 270	270 and under 280	280 and under 290	290 and under 300	300 and under 310	310 and under 320	320 and under 330	330 and under 340	340 and over
Journemen	\$ 2.599	0.1	0.6	0.5	3.1	1.9	5.7	12.4	11.1	11.2	15.5	17.9	4.6	0.7	8.5	2.1	3.3	0.6	0.2
Asbestos workers	2.630	-	-	-	.2	.6	.3	4.8	6.9	33.9	21.4	17.3	7.1	-	7.5	-	-	-	-
Boilermakers	2.616	-	-	(1/)	-	-	-	5.0	9.9	47.0	16.2	9.8	-	-	10.5	-	1.6	-	-
Bricklayers	2.946	-	-	-	-	-	-	-	.3	1.0	7.9	30.2	12.6	1.0	17.3	1.8	24.2	1.8	1.9
Carpenters	2.527	-	.7	.5	4.4	3.3	5.9	20.5	16.1	6.6	12.0	14.1	2.8	-	12.1	-	1.0	-	-
Cement finishers	2.525	(1/)	1.3	.5	2.6	2.4	9.4	20.7	14.5	8.9	7.3	20.9	1.8	-	8.9	-	-	-	.8
Electricians (inside wiremen)	2.729	-	-	-	.9	.2	1.4	1.8	7.7	18.3	11.5	35.2	5.8	1.4	.8	1.5	13.5	-	-
Elevator constructors	2.723	-	-	-	-	-	.4	3.7	9.0	12.6	14.5	26.1	13.2	5.0	15.5	-	-	-	-
Glaziers	2.344	3.2	1.5	6.2	8.1	15.4	20.3	15.5	3.1	2.7	2.6	1.7	9.6	-	10.1	-	-	-	-
Lathers	2.904	-	-	-	-	.2	1.3	2.6	1.6	7.2	6.1	15.7	11.0	1.8	26.5	18.1	2.6	2.8	2.5

See footnote at end of table.

TABLE 7.—Distribution of union members in the building trades by hourly wage rates, July 1, 1951 - Continued

Trade	Average rate per hour	Percent of union journeymen whose rates (in cents) per hour were -																	
		Under 180	180 and under 190	190 and under 200	200 and under 210	210 and under 220	220 and under 230	230 and under 240	240 and under 250	250 and under 260	260 and under 270	270 and under 280	280 and under 290	290 and under 300	300 and under 310	310 and under 320	320 and under 330	330 and under 340	340 and over
Journeyman: - Continued	\$																		
Machinists	2.573	-	-	-	1.0	-	5.5	2.0	15.4	15.7	39.9	12.4	1.6	-	6.5	-	-	-	-
Marble setters	2.635	-	-	-	1.5	-	2.8	5.0	.3	27.9	11.4	42.8	5.3	-	-	2.8	-	0.2	-
Mosaic and terrazzo workers ...	2.724	-	-	-	.2	-	3.7	1.8	1.0	21.2	15.0	23.2	7.3	-	26.0	-	-	.6	-
Painters	2.414	0.5	1.9	1.6	7.1	1.2	16.2	17.4	10.2	8.1	28.8	5.9	.3	(1/)	.3	.4	0.1	-	-
Paperhangers	2.382	1.3	2.4	.7	6.4	1.6	17.3	17.5	12.4	13.0	27.4	-	-	-	-	-	-	-	-
Plasterers	2.926	-	-	-	-	-	1.6	2.6	1.3	6.2	6.7	9.7	19.7	1.9	19.1	11.8	-	18.3	1.1
Plumbers	2.716	-	-	-	.1	-	.8	.8	4.3	13.2	24.5	36.1	3.4	-	10.4	6.4	-	-	-
Rodmen	2.524	-	.7	-	3.4	3.8	7.7	22.3	10.5	12.3	13.3	11.9	6.8	.3	5.9	-	-	1.1	-
Roofers, composition	2.414	3.3	2.9	5.1	5.5	5.6	7.5	17.8	7.3	20.2	4.1	10.1	-	-	9.3	1.3	-	-	-
Roofers, slate and tile	2.447	.6	4.4	4.4	3.6	7.7	5.0	7.2	8.4	40.9	.8	3.7	6.1	2.1	.3	-	4.8	-	-
Sheet-metal workers	2.545	-	-	-	3.2	1.5	5.4	6.6	25.3	22.7	18.0	5.5	4.0	-	-	7.8	-	-	-
Steam and sprinkler fitters	2.695	-	-	-	.2	.2	1.1	1.0	3.9	13.7	25.8	38.4	6.0	-	.9	8.8	-	-	-
Stonemasons	2.923	-	-	-	-	-	-	-	.5	4.0	20.5	9.6	21.8	.1	12.4	3.7	25.6	1.3	.5
Structural-iron workers	2.694	-	-	-	.1	.6	2.8	7.3	6.7	22.6	9.4	17.4	11.6	5.5	9.0	-	6.3	.7	-
Tile layers	2.721	-	-	-	-	-	3.7	1.6	2.2	12.8	14.5	35.9	.9	25.7	1.9	-	-	.8	-
Trade	Average rate per hour	Percent of union helpers and laborers whose rates (in cents) per hour were -																	
		Under 100	100 and under 110	110 and under 120	120 and under 130	130 and under 140	140 and under 150	150 and under 160	160 and under 170	170 and under 180	180 and under 190	190 and under 200	200 and under 210	210 and under 220	220 and under 230	230 and under 240	240 and under 250	250 and under 260	260 and over
Helpers and laborers ..	\$ 1.746	0.8	2.4	4.9	1.8	4.1	5.3	10.6	9.2	20.0	6.1	10.2	7.2	12.1	1.9	1.5	0.5	(1/)	1.4
Bricklayers' tenders	1.899	.5	.7	3.3	2.4	3.4	7.7	1.7	6.1	5.0	6.5	10.9	11.4	35.0	2.9	1.4	1.1	-	-
Building laborers ...	1.648	1.0	3.2	5.9	1.5	4.6	5.6	15.5	11.1	27.4	5.6	8.4	2.1	7.6	-	.5	-	-	-
Composition roofers' helpers ...	1.501	5.6	-	17.5	6.3	-	-	20.4	5.0	38.7	6.3	-	-	-	-	-	-	-	-
Elevator constructors' helpers	1.953	-	-	-	-	-	-	(1/)	4.2	10.0	14.5	29.7	24.0	5.3	12.3	-	-	-	-
Marble setters' helpers	1.775	-	-	14.6	-	4.2	1.2	1.9	8.9	10.7	15.2	6.9	20.4	11.5	4.5	-	-	-	-
Plasterers' laborers	2.004	.5	.4	4.6	2.1	4.8	2.7	1.9	5.1	7.4	1.9	23.3	8.3	6.0	4.6	8.3	-	-	18.1
Plumbers' laborers ...	1.837	.4	4.2	1.0	3.8	2.8	2.5	2.4	6.4	6.4	13.5	3.6	42.0	.3	10.7	-	-	-	-
Terrazzo workers' helpers	2.068	-	-	-	2.3	1.7	1.1	1.8	4.2	2.6	9.3	8.4	22.8	5.7	14.6	1.8	23.0	0.7	-
Tile layers' helpers	1.972	-	.8	4.1	-	.8	.6	.8	3.9	8.4	10.3	12.7	25.7	11.0	6.6	11.0	3.3	-	-

1/ Less than 0.05 of 1 percent.

TABLE 8.—Average union hourly wage rates in the building trades by city and population group, July 1, 1951

City and population group	Average hourly rate	City and population group	Average hourly rate
JOURNEYMEN		JOURNEYMEN - Continued	
Population group I (1,000,000 and over):		Population group II (500,000 to 1,000,000): - Continued	
New York, N. Y.	\$3.008	Boston, Mass.	\$2.593
Average for group I	2.747	Buffalo, N. Y.	2.573
Philadelphia, Pa.	2.702	San Francisco, Calif.	2.563
Chicago, Ill.	2.697	Milwaukee, Wis.	2.547
Detroit, Mich.	2.628	Baltimore, Md.	2.532
Los Angeles, Calif.	2.519	Cincinnati, Ohio	2.507
		Houston, Texas	2.506
Population group II (500,000 to 1,000,000):		Minneapolis, Minn.	2.415
Pittsburgh, Pa.	2.808	New Orleans, La.	2.202
Washington, D. C.	2.731		
Cleveland, Ohio	2.729	Population group III (250,000 to 500,000):	
St. Louis, Mo.	2.689	Newark, N. J.	3.110
Average for group II	2.593	Toledo, Ohio	2.639

1/ See footnote at end of table.

TABLE 8.—Average union hourly wage rates in the building trades by city and population group, July 1, 1951 - Continued

City and population group	Average hourly rate	City and population group	Average hourly rate
JOURNEYMEN - Continued		HELPERS AND LABORERS - Continued	
Population group III (250,000 to 500,000):— Continued		Population group II (500,000 to 1,000,000):— Continued	
Oakland, Calif.	\$2.560	St. Louis, Mo.	\$1.900
Seattle, Wash.	2.553	San Francisco, Calif.	1.832
Indianapolis, Ind.	2.552	Boston, Mass.	1.830
Rochester, N. Y.	2.512	Pittsburgh, Pa.	1.798
Average for group III	2.497	Average for group II	1.776
Columbus, Ohio	2.483	Minneapolis, Minn.	1.738
Denver, Colo.	2.466	Cincinnati, Ohio	1.697
Kansas City, Mo.	2.447	Washington, D. C.	1.626
Portland, Oreg.	2.445	Baltimore, Md.	1.436
Dallas, Texas	2.419	Houston, Texas	1.415
St. Paul, Minn.	2.408	New Orleans, La.	1.168
Louisville, Ky.	2.382		
San Antonio, Texas	2.374	Population group III (250,000 to 500,000):	
Birmingham, Ala.	2.298	Newark, N. J.	2.332
Memphis, Tenn.	2.275	Seattle, Wash.	2.301
Atlanta, Ga.	2.245	Toledo, Ohio	1.952
Population group IV (100,000 to 250,000):		Oakland, Calif.	1.822
Youngstown, Ohio	2.617	Portland, Oreg.	1.813
Dayton, Ohio	2.573	Kansas City, Mo.	1.774
Peoria, Ill.	2.562	Rochester, N. Y.	1.763
Miami, Fla.	2.543	St. Paul, Minn.	1.730
Phoenix, Ariz.	2.521	Indianapolis, Ind.	1.727
Syracuse, N. Y.	2.507	Denver, Colo.	1.711
South Bend, Ind.	2.497	Average for group III	1.672
Spokane, Wash.	2.474	Columbus, Ohio	1.672
New Haven, Conn.	2.454	Louisville, Ky.	1.554
Reading, Pa.	2.441	Dallas, Texas	1.405
Oklahoma City, Okla.	2.429	San Antonio, Texas	1.296
El Paso, Texas	2.408	Birmingham, Ala.	1.125
Rock Island (Ill.) district 1/	2.395	Atlanta, Ga.	1.102
Average for group IV	2.393	Memphis, Tenn.	1.077
Erie, Pa.	2.387	Population group IV (100,000 to 250,000):	
Omaha, Nebr.	2.382	Peoria, Ill.	1.864
Grand Rapids, Mich.	2.381	South Bend, Ind.	1.840
Springfield, Mass.	2.364	Phoenix, Ariz.	1.824
Des Moines, Iowa	2.362	Youngstown, Ohio	1.809
Seranton, Pa.	2.352	Spokane, Wash.	1.806
Providence, R. I.	2.323	Syracuse, N. Y.	1.752
Knoxville, Tenn.	2.319	Dayton, Ohio	1.747
Wichita, Kans.	2.318	New Haven, Conn.	1.719
Chattanooga, Tenn.	2.304	Rock Island (Ill.) district 1/	1.698
Worcester, Mass.	2.304	Erie, Pa.	1.683
Mobile, Ala.	2.285	Des Moines, Iowa	1.666
Richmond, Va.	2.256	Providence, R. I.	1.656
Duluth, Minn.	2.255	Grand Rapids, Mich.	1.644
Norfolk, Va.	2.240	Duluth, Minn.	1.595
Little Rock, Ark.	2.239	Worcester, Mass.	1.586
Salt Lake City, Utah	2.237	Springfield, Mass.	1.570
Jacksonville, Fla.	2.228	Reading, Pa.	1.545
Savannah, Ga.	2.187	Salt Lake City, Utah	1.540
Charlotte, N. C.	2.048	Seranton, Pa.	1.521
Population group V (40,000 to 100,000):		Omaha, Nebr.	1.518
Charleston, W. Va.	2.482	Average for group IV	1.498
Butte, Mont.	2.372	Wichita, Kans.	1.415
Average for group V	2.249	Oklahoma City, Okla.	1.372
Charleston, S. C.	2.197	El Paso, Texas	1.281
Jackson, Miss.	2.191	Chattanooga, Tenn.	1.225
Manchester, N. H.	2.160	Mobile, Ala.	1.193
York, Pa.	1.987	Knoxville, Tenn.	1.151
Portland, Me.	1.977	Miami, Fla.	1.111
		Richmond, Va.	1.078
		Savannah, Ga.	1.037
		Norfolk, Va.	1.034
		Little Rock, Ark.	1.007
		Jacksonville, Fla. ....	.996
		Charlotte, N. C. ....	.955
HELPERS AND LABORERS			
Population group I (1,000,000 and over):		Population group V (40,000 to 100,000):	
New York, N. Y.	2.163	Charleston, W. Va.	1.647
Chicago, Ill.	2.003	Butte, Mont.	1.546
Average for group I	1.956	Manchester, N. H.	1.438
Detroit, Mich.	1.946	Average for group V	1.422
Los Angeles, Calif.	1.881	Portland, Me.	1.381
Philadelphia, Pa.	1.531	York, Pa.	1.302
Population group II (500,000 to 1,000,000):		Jackson, Miss.	1.016
Cleveland, Ohio	2.103	Charleston, S. C. ....	.903
Buffalo, N. Y.	2.301		
Millwaukee, Wis.	1.993		

1/ Includes Rock Island and Moline, Ill., and Davenport, Iowa.

TABLE 9.—Average union wage rates in the building trades by region 1/, July 1, 1951

Trade	United States	Region								
		New England	Middle Atlantic	Border States	South-east	Great Lakes	Middle West	South-west	Mountain	Pacific
All building trades	\$2.42	\$2.25	\$2.66	\$2.27	\$2.03	\$2.49	\$2.37	\$2.16	\$2.14	\$2.42
Journeyman	2.60	2.44	2.88	2.53	2.30	2.62	2.54	2.39	2.42	2.52
Asbestos workers	2.63	2.60	2.82	2.53	2.47	2.62	2.65	2.54	2.33	2.62
Boilermakers	2.62	2.60	2.96	2.59	2.48	2.62	2.54	2.38	2.52	2.53
Bricklayers	2.95	2.79	3.19	3.00	2.74	2.77	2.92	3.00	3.03	3.02
Carpenters	2.53	2.27	2.86	2.41	2.17	2.61	2.48	2.23	2.30	2.40
Cement finishers	2.53	2.76	2.82	2.32	2.20	2.52	2.58	2.28	2.37	2.40
Electricians (inside wiremen)	2.73	2.53	3.09	2.62	2.50	2.72	2.58	2.59	2.53	2.70
Elevator constructors	2.72	2.61	2.92	2.75	2.54	2.65	2.65	2.61	2.59	2.77
Glaziers	2.34	2.19	2.55	2.24	2.07	2.45	2.43	2.01	2.07	2.23
Lathers	2.90	2.88	2.98	2.82	2.48	2.74	2.71	2.77	2.95	3.11
Machinists	2.57	2.75	2.77	2.47	2.37	2.55	2.61	2.46	-	2.49
Marble setters	2.64	2.54	2.71	2.91	2.65	2.57	2.61	2.54	2.57	2.61
Mosaic and terrazzo workers	2.72	2.51	2.94	2.76	2.67	2.58	2.67	2.43	2.72	2.68
Painters	2.41	2.12	2.55	2.23	2.10	2.45	2.34	2.15	2.25	2.49
Paperhangers	2.38	1.87	2.32	2.05	2.16	2.48	2.28	2.04	2.33	2.47
Plasterers	2.93	2.86	3.17	2.83	2.51	2.78	2.89	2.81	2.94	3.08
Plumbers	2.72	2.56	2.93	2.58	2.59	2.67	2.61	2.56	2.59	2.73
Rodmen	2.52	2.67	2.86	2.39	2.21	2.61	2.59	2.26	2.28	2.38
Roofers, composition	2.41	2.40	2.70	2.04	1.91	2.50	2.29	1.98	2.26	2.47
Roofers, slate and tile	2.45	2.54	2.85	2.37	2.02	2.55	2.28	2.02	2.13	2.49
Sheet-metal workers	2.55	2.51	2.88	2.51	2.16	2.56	2.63	2.41	2.27	2.45
Steam and sprinkler fitters	2.70	2.55	2.91	2.51	2.52	2.68	2.61	2.57	2.56	2.73
Stonemasons	2.92	2.81	3.04	3.17	2.75	2.70	2.80	3.03	3.03	3.08
Structural-iron workers	2.69	2.70	3.01	2.69	2.35	2.72	2.55	2.44	2.36	2.55
Tile layers	2.72	2.57	2.87	2.75	2.61	2.63	2.59	2.47	2.73	2.77
Helpers and laborers	1.75	1.72	1.94	1.52	1.12	1.87	1.78	1.33	1.71	1.86
Bricklayers' tenders	1.90	1.70	2.12	1.52	1.17	1.93	1.86	1.40	1.95	2.16
Building laborers	1.65	1.70	1.79	1.48	1.09	1.81	1.70	1.27	1.62	1.75
Composition roofers' helpers	1.50	1.77	1.56	1.70	1.07	1.69	-	1.10	-	-
Elevator constructors' helpers	1.95	1.84	2.10	1.94	1.77	1.94	1.89	1.81	1.82	1.94
Marble setters' helpers	1.78	1.82	1.89	1.93	1.18	1.99	1.73	1.54	1.75	2.02
Plasterers' laborers	2.00	1.84	2.20	1.76	1.20	2.07	2.05	1.52	1.96	2.74
Plumbers' laborers	1.84	-	1.96	1.55	1.08	1.98	1.93	1.23	1.82	1.88
Terrazzo workers' helpers	2.07	1.87	2.29	1.80	1.20	2.06	1.91	1.32	1.72	2.11
Tile layers' helpers	1.97	1.84	2.17	1.96	1.15	1.97	1.74	1.50	1.86	2.08

1/ The regions referred to in this study include:

New England Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont;
Middle Atlantic New Jersey, New York, and Pennsylvania;
Border States Delaware, District of Columbia, Kentucky, Maryland, Virginia, and West Virginia;
Southeast Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, and Tennessee;
Great Lakes Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin;
Middle West Iowa, Kansas, Missouri, Nebraska, North Dakota, and South Dakota;
Southwest Arkansas, Louisiana, Oklahoma, and Texas;
Mountain Arizona, Colorado, Idaho, Montana, New Mexico, Utah, and Wyoming;
Pacific California, Nevada, Oregon, and Washington.

TABLE 10A.--Indexes of union weekly hours in the building trades, 1907-51

(June 1, 1939 = 100)

Date	All trades	Journey-men	Helpers and laborers	Date	All trades	Journey-men	Helpers and laborers
1907: May 15	124.3	123.8	126.1	1930: May 15	109.8	110.0	109.0
1908: May 15	122.4	122.0	123.5	1931: May 15	108.5	108.5	108.1
1909: May 15	120.7	120.5	121.0	1932: May 15	106.5	106.6	105.7
1910: May 15	119.2	119.1	118.8	1933: May 15	106.2	106.2	105.2
1911: May 15	118.8	118.7	118.6	1934: May 15	102.3	102.3	101.9
1912: May 15	118.4	118.3	118.3	1935: May 15	101.5	101.5	101.2
1913: May 15	118.2	118.0	118.3	1936: May 15	101.5	101.5	101.4
1914: May 15	117.7	117.7	117.6	1937: May 15	101.9	101.9	101.8
1915: May 15	117.6	117.6	117.5	1938: June 1	100.2	100.1	100.2
1916: May 15	117.2	117.1	117.2	1939: June 1	100.0	100.0	100.0
1917: May 15	116.9	116.9	116.7	1940: June 1	99.9	100.0	99.4
1918: May 15	116.3	116.2	116.3	1941: June 1	100.3	100.5	99.7
1919: May 15	115.7	115.7	115.2	1942: July 1	101.1	101.8	98.8
1920: May 15	115.1	115.2	114.5	1943: July 1	101.0	102.0	98.1
1921: May 15	115.0	115.1	114.5	1944: July 1	101.2	102.2	98.1
1922: May 15	115.0	115.2	114.2	1945: July 1	101.2	102.2	98.1
1923: May 15	115.1	115.3	114.4	1946: July 1	100.2	101.1	97.4
1924: May 15	115.1	115.3	114.4	1947: July 1	100.1	100.9	97.4
1925: May 15	115.1	115.3	114.2	1948: July 1	100.1	101.0	97.3
1926: May 15	114.9	115.1	113.9	1949: July 1	100.2	101.1	97.3
1927: May 15	114.7	114.8	113.9	1950: July 1	100.3	101.2	97.3
1928: May 15	114.0	114.0	113.8	1951: July 1	100.2	101.1	97.2
1929: May 15	113.0	113.3	111.5				

TABLE 10B.--Indexes of union weekly hours in the building trades, 1907-51

(Average 1947, 1948 and 1949 = 100)

Date	All trades	Journey-men	Helpers and laborers	Date	All trades	Journey-men	Helpers and laborers
1907: May 15	124.1	122.6	129.6	1930: May 15	109.7	108.9	112.0
1908: May 15	122.2	120.8	126.9	1931: May 15	108.4	107.4	111.1
1909: May 15	120.5	119.3	124.3	1932: May 15	106.4	105.5	108.6
1910: May 15	119.0	117.9	122.1	1933: May 15	106.1	105.1	108.1
1911: May 15	118.6	117.5	121.9	1934: May 15	102.2	101.3	104.7
1912: May 15	118.2	117.1	121.5	1935: May 15	101.4	100.5	104.0
1913: May 15	118.0	116.8	121.5	1936: May 15	101.4	100.5	104.2
1914: May 15	117.5	116.5	120.8	1937: May 15	101.8	100.9	104.6
1915: May 15	117.4	116.4	120.7	1938: June 1	100.1	99.1	102.9
1916: May 15	117.0	115.9	120.4	1939: June 1	99.9	99.0	102.7
1917: May 15	116.7	115.7	119.9	1940: June 1	99.8	99.0	102.1
1918: May 15	116.1	115.0	119.5	1941: June 1	100.2	99.5	102.4
1919: May 15	115.5	114.6	118.4	1942: July 1	101.0	100.8	101.5
1920: May 15	115.0	114.1	117.6	1943: July 1	100.9	101.0	100.8
1921: May 15	114.9	114.0	117.6	1944: July 1	101.1	101.2	100.8
1922: May 15	114.9	114.1	117.3	1945: July 1	101.1	101.2	100.8
1923: May 15	115.0	114.2	117.5	1946: July 1	100.1	100.1	100.1
1924: May 15	115.0	114.2	117.5	1947: July 1	100.0	99.9	100.1
1925: May 15	115.0	114.2	117.3	1948: July 1	100.0	100.0	100.0
1926: May 15	114.8	114.0	117.0	1949: July 1	100.1	100.1	100.0
1927: May 15	114.6	113.7	117.0	1950: July 1	100.2	100.2	100.0
1928: May 15	113.9	112.9	116.9	1951: July 1	100.1	100.1	99.9
1929: May 15	112.9	112.2	114.6				

TABLE 11A.—Indexes of union weekly hours in each building trade, 1907-51

(June 1, 1939 = 100)

Date	Asbestos workers	Boiler-makers	Brick-layers	Carpenters	Cement finishers	Electricians (inside wiremen)	Elevator constructors	Glaziers	Lathers	Machinists	Marble setters	Mosaic and terrazzo workers	Painters	Paper-hangers	Plasterers
1907: May 15	-	-	122.9	121.0	122.7	124.2	-	-	-	-	113.0	-	133.1	-	125.8
1908: May 15	-	-	120.3	119.2	121.6	123.3	-	-	-	-	113.0	-	131.0	-	125.2
1909: May 15	-	-	117.8	117.8	122.5	122.5	-	-	-	-	111.8	-	129.2	-	125.2
1910: May 15	-	-	115.6	116.4	122.3	121.8	-	-	-	-	111.6	-	127.5	-	125.1
1911: May 15	-	-	115.1	115.8	121.1	121.6	-	-	-	-	111.1	-	126.7	-	125.8
1912: May 15	-	-	115.1	115.7	121.1	121.2	-	-	121.8	-	111.1	-	126.6	-	124.3
1913: May 15	-	-	114.9	115.6	119.8	120.7	-	-	121.8	-	111.1	-	125.9	-	124.3
1914: May 15	-	-	114.4	115.1	119.0	120.3	114.7	-	121.8	-	110.9	-	125.6	-	124.2
1915: May 15	-	-	114.3	115.1	119.0	119.6	114.2	-	121.2	-	110.9	-	125.6	-	123.6
1916: May 15	115.1	-	114.0	115.1	117.2	118.6	114.1	-	121.2	-	110.7	118.5	124.7	-	122.3
1917: May 15	114.6	-	113.7	115.1	115.9	118.1	113.5	-	120.6	-	110.6	118.5	124.6	-	122.2
1918: May 15	114.0	-	113.7	113.9	115.3	117.3	113.5	118.0	120.6	-	110.6	114.3	124.0	-	121.9
1919: May 15	112.8	-	113.5	113.2	114.4	116.3	112.7	118.0	120.3	-	110.1	114.3	123.8	-	121.9
1920: May 15	112.7	-	113.4	113.3	113.8	116.0	112.6	117.5	119.6	-	110.1	114.3	120.2	-	121.6
1921: May 15	113.0	-	113.4	113.2	113.8	116.0	112.5	118.0	119.3	-	110.2	114.3	120.3	-	121.3
1922: May 15	113.0	-	113.4	113.3	113.7	116.0	112.2	118.1	119.4	-	110.2	114.3	121.2	-	121.4
1923: May 15	112.7	-	113.4	113.7	113.7	116.0	112.3	117.5	119.8	-	110.2	114.3	120.9	-	122.0
1924: May 15	112.8	-	113.3	113.5	113.7	115.9	112.3	117.5	119.6	-	110.2	114.4	120.8	-	122.1
1925: May 15	112.8	-	113.2	113.5	113.4	115.9	112.2	117.1	119.2	-	110.2	114.3	121.1	-	121.7
1926: May 15	112.8	-	113.3	113.5	113.4	115.9	112.2	117.5	118.9	-	110.2	114.3	120.7	-	118.2
1927: May 15	112.7	-	112.7	113.5	113.0	115.9	112.2	117.9	118.3	-	110.1	113.9	120.2	-	117.7
1928: May 15	112.7	-	112.7	112.9	112.4	115.3	112.2	117.4	117.7	-	110.1	113.9	117.0	-	116.7
1929: May 15	111.7	-	109.8	112.9	112.5	112.6	111.7	116.1	117.1	-	110.1	114.0	116.7	-	115.6
1930: May 15	107.6	-	107.1	109.4	108.1	109.9	108.2	112.4	110.4	-	104.3	107.8	115.4	-	113.0
1931: May 15	105.0	-	105.5	107.7	106.9	108.8	106.1	110.4	109.8	-	102.4	106.7	114.4	-	112.1
1932: May 15	103.7	-	103.1	105.0	105.6	106.2	106.1	107.9	109.3	-	101.3	102.4	114.2	-	110.1
1933: May 15	102.6	-	104.2	103.4	107.6	106.2	103.9	107.9	108.8	-	101.2	103.8	114.0	-	112.4
1934: May 15	102.5	-	102.4	102.5	103.7	99.9	103.0	102.3	102.5	-	100.1	103.7	99.9	-	107.6
1935: May 15	101.7	-	102.3	102.0	103.5	95.8	102.7	101.6	102.3	-	100.1	103.0	99.8	-	105.9
1936: May 15	102.0	-	102.3	102.1	103.0	96.2	103.5	102.0	101.3	-	100.0	101.9	100.2	-	104.2
1937: May 15	101.7	105.3	103.3	102.9	103.1	100.9	103.2	102.1	102.7	100.7	102.0	102.6	100.2	100.5	104.3
1938: June 1	100.0	100.0	99.9	100.0	100.0	100.3	102.5	100.2	100.8	100.1	100.0	100.0	100.4	99.8	100.0
1939: June 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1940: June 1	99.4	100.0	99.7	100.0	100.2	100.0	99.6	100.0	99.8	100.0	95.5	100.0	100.5	100.3	99.8
1941: June 1	100.0	100.5	99.9	100.6	100.7	100.6	99.3	100.6	100.7	99.8	95.7	100.3	100.7	100.8	100.1
1942: July 1	100.1	100.6	100.8	100.8	100.6	104.6	99.0	102.0	102.5	99.8	95.7	100.3	106.5	108.0	102.0
1943: July 1	100.1	100.6	100.8	100.8	100.6	104.6	99.0	102.0	103.4	99.8	95.7	100.3	106.5	108.0	106.0
1944: July 1	100.1	100.6	100.8	101.1	100.6	104.6	99.0	102.0	103.0	99.8	95.7	100.3	106.8	108.9	106.1
1945: July 1	100.1	100.6	100.8	101.1	100.6	104.6	99.0	102.0	103.6	99.8	95.7	100.3	106.8	108.9	106.1
1946: July 1	101.2	98.6	100.3	100.3	100.4	100.5	99.0	102.0	102.2	99.3	95.7	100.3	106.1	108.7	104.1
1947: July 1	101.2	98.6	99.8	100.2	100.0	100.5	99.0	103.5	102.2	100.1	95.7	99.3	106.2	109.0	103.0
1948: July 1	101.5	100.0	100.5	100.2	100.0	100.5	99.0	103.5	98.1	100.1	95.8	101.0	106.2	109.0	102.9
1949: July 1	101.5	100.0	100.1	100.2	100.0	102.2	99.0	103.5	98.1	100.1	95.8	101.0	106.2	109.0	103.5
1950: July 1	101.5	100.0	100.1	100.2	100.0	102.2	99.0	103.5	101.2	100.1	95.8	101.0	106.2	109.0	105.9
1951: July 1	101.5	100.0	100.2	100.2	100.0	102.2	99.0	103.5	101.2	100.1	95.8	101.0	104.9	107.7	105.9

TABLE 11A.—Indexes of union weekly hours in each building trade, 1907-51 - Continued

(June 1, 1939 = 100)

Date	Plumb- ers	Rodmen	Roof- ers compo- sition	Roof- ers slate and tile	Sheet- metal workers	Steam and sprink- ler fitters	Stone- masons	Struc- tural iron workers (1/)	Tile layers	Brick- layers' tenders	Building laborers	Com- position roofers' helpers	Plas- terers' laborers	Plumb- ers' laborers	Tile layers' helpers
1907: May 15	120.6	-	-	-	117.0	120.3	118.4	121.3	-	118.9	121.6	-	125.7	-	-
1908: May 15	120.7	-	-	-	116.9	120.3	118.4	118.9	-	118.9	121.6	-	125.2	-	-
1909: May 15	120.7	-	-	-	116.9	120.0	118.4	117.3	-	118.5	121.2	-	124.9	-	-
1910: May 15	120.5	-	-	-	116.9	119.3	116.6	116.0	-	117.5	118.3	-	124.9	-	-
1911: May 15	120.2	-	-	-	116.6	119.2	115.8	115.8	-	116.9	118.3	-	124.8	-	-
1912: May 15	119.2	-	-	-	115.1	118.4	115.8	114.6	111.5	116.0	118.3	-	124.2	-	126.2
1913: May 15	119.2	-	-	-	114.9	118.0	115.7	114.1	113.9	116.0	118.3	-	124.2	-	125.6
1914: May 15	118.8	-	113.2	112.8	114.8	116.5	115.7	113.9	113.9	114.5	117.9	-	124.3	-	125.6
1915: May 15	118.8	-	113.2	112.8	114.6	116.5	115.6	113.9	113.5	114.5	117.9	-	124.3	-	123.7
1916: May 15	118.2	-	113.2	112.4	114.1	116.1	115.4	113.6	112.9	114.5	117.3	-	123.1	-	123.3
1917: May 15	118.1	-	112.4	110.4	114.0	116.0	115.3	113.4	112.6	114.4	116.0	-	122.9	-	122.3
1918: May 15	117.1	-	111.9	110.4	112.8	114.9	115.3	113.0	112.6	114.4	115.5	-	122.9	-	122.3
1919: May 15	116.7	-	111.9	110.1	112.3	114.8	114.6	112.8	112.1	114.0	113.3	-	122.4	-	121.9
1920: May 15	116.7	-	111.9	110.1	111.9	114.7	114.6	112.8	111.8	113.8	112.1	-	122.4	-	121.9
1921: May 15	116.5	-	109.8	110.0	111.9	114.6	114.7	112.8	111.9	113.8	112.1	-	121.9	-	122.1
1922: May 15	116.5	-	109.8	109.9	111.8	114.6	114.6	112.8	111.7	114.0	111.3	-	121.9	-	122.1
1923: May 15	116.5	-	109.8	110.2	111.8	114.6	114.6	112.8	112.0	114.0	112.1	-	122.0	-	123.2
1924: May 15	116.5	-	109.8	109.8	111.8	114.6	114.3	112.8	112.0	113.9	111.8	-	121.9	-	123.2
1925: May 15	116.5	-	109.8	109.8	111.8	114.6	114.3	112.5	112.0	113.8	111.9	-	121.8	-	123.2
1926: May 15	116.5	-	109.8	109.8	111.8	114.4	114.5	112.8	112.0	113.9	112.1	-	117.8	-	123.2
1927: May 15	116.2	-	109.8	109.8	111.4	114.2	114.3	112.8	111.9	113.9	112.3	-	117.7	-	123.2
1928: May 15	116.2	-	109.7	109.8	111.1	114.2	114.2	112.7	111.6	113.9	112.2	-	118.0	-	123.2
1929: May 15	115.2	-	109.2	108.5	111.0	113.6	110.9	112.2	111.4	107.6	112.1	-	117.9	-	122.6
1930: May 15	109.9	-	104.9	103.8	106.9	108.5	107.1	108.8	105.6	106.9	110.0	-	114.9	-	114.7
1931: May 15	108.4	-	103.6	102.1	105.1	107.4	105.2	107.5	104.2	106.3	108.7	-	113.9	-	113.5
1932: May 15	108.0	-	102.5	102.1	103.6	106.4	104.8	104.8	103.1	104.0	104.9	-	113.6	-	112.0
1933: May 15	107.5	-	103.8	102.1	103.5	105.8	104.0	104.5	102.9	103.4	104.5	-	111.7	-	112.1
1934: May 15	106.5	-	101.1	101.7	102.0	105.1	103.5	103.0	96.0	101.5	99.9	-	108.3	-	107.4
1935: May 15	105.8	-	101.0	100.4	102.1	104.8	103.4	101.8	96.0	101.4	99.8	-	107.0	-	93.5
1936: May 15	104.4	-	101.6	101.3	102.0	105.0	103.4	101.7	95.9	101.2	100.3	-	105.2	-	93.5
1937: May 15	105.0	100.1	101.7	101.2	102.1	105.1	103.4	101.2	100.0	101.5	100.6	100.0	105.2	-	100.0
1938: June 1	99.7	100.1	99.9	100.0	100.0	99.6	100.0	100.1	100.0	100.3	100.1	100.0	100.3	100.0	100.0
1939: June 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1940: June 1	99.0	100.0	99.6	99.9	100.0	100.0	99.9	100.0	100.0	99.9	99.4	99.7	99.6	96.9	100.0
1941: June 1	99.4	100.9	100.3	99.9	100.8	100.6	100.0	100.4	100.4	99.8	99.7	100.3	100.0	96.9	100.4
1942: July 1	99.9	101.9	100.4	101.3	100.9	102.2	100.2	101.1	101.7	98.6	98.8	100.6	100.1	96.6	100.4
1943: July 1	101.8	101.0	100.3	101.1	100.9	102.2	100.2	101.1	100.7	98.4	97.4	100.1	100.7	99.8	100.4
1944: July 1	101.8	101.0	100.2	101.1	100.9	102.2	100.2	101.1	100.7	98.4	97.4	100.1	100.7	99.7	100.4
1945: July 1	101.8	101.0	100.2	101.1	100.9	102.2	100.2	101.1	100.7	98.4	97.4	100.1	100.7	99.7	100.4
1946: July 1	98.3	100.4	99.9	101.1	100.8	101.3	100.0	101.1	100.7	96.9	97.2	100.1	100.0	96.9	100.4
1947: July 1	97.3	99.8	99.9	101.1	100.1	101.3	99.3	101.1	100.7	96.4	97.2	100.1	99.2	96.9	100.4
1948: July 1	97.6	99.8	99.9	101.1	100.1	101.3	101.0	101.1	100.7	96.4	97.2	100.1	97.9	96.9	100.4
1949: July 1	97.6	99.8	98.7	101.1	99.9	101.3	100.8	101.1	100.7	96.4	97.2	100.1	97.9	96.9	100.4
1950: July 1	98.3	99.8	98.7	101.1	99.9	101.3	100.8	101.1	100.7	96.4	97.2	100.1	97.9	96.9	100.4
1951: July 1	98.3	99.8	98.7	101.1	99.9	101.3	100.9	101.1	100.7	96.2	97.0	100.1	99.1	96.9	100.4

1/ Included rodmen prior to 1940.

TABLE 11B.—Indexes of union weekly hours in each building trade, 1907-51
(Average 1947, 1948 and 1949 = 100)

Date	Asbestos workers	Boiler-makers	Brick-layers	Car-penters	Cement finishers	Electricians (inside wiremen)	Elevator constructors	Gla-ziers	Lath-ers	Ma-chinists	Marble setters	Mosaic and ter-razzo workers	Paint-ers	Paper-hangers	Flas-terers
1907: May 15	-	-	122.7	120.8	122.7	122.9	-	-	-	-	118.0	-	125.3	-	122.0
1908: May 15	-	-	120.1	119.0	121.6	122.0	-	-	-	-	118.0	-	123.4	-	121.4
1909: May 15	-	-	117.6	117.6	122.5	121.2	-	-	-	-	116.8	-	121.7	-	121.4
1910: May 15	-	-	115.4	116.2	122.3	120.5	-	-	-	-	116.5	-	120.1	-	121.3
1911: May 15	-	-	115.0	115.6	121.1	120.3	-	-	-	-	116.0	-	119.3	-	122.0
1912: May 15	-	-	115.0	115.5	121.1	119.9	-	-	122.5	-	116.0	-	119.2	-	120.5
1913: May 15	-	-	114.8	115.4	119.8	119.4	-	-	122.5	-	116.0	-	118.5	-	120.5
1914: May 15	-	-	114.3	114.9	119.0	119.0	115.9	-	122.5	-	115.8	-	118.3	-	120.4
1915: May 15	-	-	114.2	114.9	119.0	118.3	115.4	-	121.9	-	115.8	-	118.3	-	119.8
1916: May 15	113.5	-	113.9	114.9	117.2	117.4	115.3	-	121.9	-	115.6	118.0	117.4	-	118.6
1917: May 15	113.0	-	113.6	114.9	115.9	116.9	114.6	-	121.3	-	115.5	118.0	117.3	-	118.5
1918: May 15	112.4	-	113.6	113.7	115.3	116.1	114.6	114.0	121.3	-	115.5	113.8	116.8	-	118.2
1919: May 15	111.2	-	113.4	113.0	114.4	115.1	113.8	114.0	121.0	-	115.0	113.8	116.6	-	118.2
1920: May 15	111.1	-	113.3	113.1	113.8	114.8	113.7	113.5	120.2	-	115.0	113.8	113.2	-	117.9
1921: May 15	111.4	-	113.3	113.0	113.8	114.8	113.6	114.0	119.9	-	115.1	113.8	113.3	-	117.6
1922: May 15	111.4	-	113.3	113.1	113.7	114.8	113.3	114.1	120.0	-	115.1	113.8	114.1	-	117.7
1923: May 15	111.1	-	113.3	113.5	113.7	114.8	113.4	113.5	120.5	-	115.1	113.8	113.8	-	118.3
1924: May 15	111.2	-	113.2	113.3	113.7	114.7	113.4	113.5	120.2	-	115.1	113.9	113.7	-	118.4
1925: May 15	111.2	-	113.1	113.3	113.4	114.7	113.3	113.1	119.8	-	115.1	113.8	114.0	-	118.0
1926: May 15	111.2	-	113.2	113.3	113.4	114.7	113.3	113.5	119.5	-	115.1	113.8	113.7	-	114.6
1927: May 15	111.1	-	112.6	113.3	113.0	114.7	113.3	113.9	118.9	-	115.0	113.4	113.2	-	114.1
1928: May 15	111.1	-	112.6	112.7	112.4	114.1	113.3	113.4	118.3	-	115.0	113.4	110.2	-	113.2
1929: May 15	110.2	-	109.7	112.7	112.5	111.4	112.8	112.2	117.7	-	115.0	113.5	109.9	-	112.1
1930: May 15	106.1	-	107.0	109.2	108.1	108.7	109.3	108.6	111.0	-	108.9	107.3	108.7	-	109.6
1931: May 15	103.6	-	105.4	107.5	106.9	107.7	107.2	106.7	110.4	-	106.9	106.2	107.7	-	108.7
1932: May 15	102.3	-	103.0	104.8	105.6	105.1	107.2	104.3	109.9	-	105.8	102.0	107.5	-	106.8
1933: May 15	101.2	-	104.1	103.2	107.6	105.1	104.9	104.3	109.4	-	105.7	103.4	107.3	-	109.0
1934: May 15	101.1	-	102.3	102.3	103.7	98.9	104.0	98.8	103.1	-	104.5	103.3	94.2	-	104.3
1935: May 15	100.3	-	102.2	101.8	103.5	94.8	103.7	98.2	102.9	-	104.5	102.6	94.0	-	102.7
1936: May 15	100.6	-	102.2	101.9	103.0	95.2	104.5	98.6	101.9	-	104.4	101.5	94.4	-	101.0
1937: May 15	100.3	105.8	103.2	102.7	103.1	99.8	104.2	98.6	103.3	100.6	106.5	102.2	94.4	92.2	101.1
1938: June 1	98.6	100.5	99.8	99.8	100.0	99.2	103.5	96.8	101.3	100.0	104.4	99.6	94.5	91.6	97.0
1939: June 1	98.6	100.5	99.9	99.8	100.0	99.0	101.0	96.6	100.5	99.9	104.4	99.6	94.2	91.7	97.0
1940: June 1	98.0	100.5	99.6	99.8	100.2	99.0	100.6	96.6	100.3	99.9	99.7	99.6	94.6	92.0	96.8
1941: June 1	98.6	101.0	99.8	100.4	100.7	99.5	100.3	97.2	101.2	99.7	99.9	99.9	94.8	92.5	97.1
1942: July 1	98.7	101.1	100.7	100.6	100.6	103.5	100.0	98.6	103.1	99.7	99.9	99.9	100.3	99.1	98.9
1943: July 1	98.7	101.1	100.7	100.6	100.6	103.5	100.0	98.6	104.0	99.7	99.9	99.9	100.3	99.1	102.8
1944: July 1	98.7	101.1	100.7	100.9	100.6	103.5	100.0	98.6	103.6	99.7	99.9	99.9	100.6	99.9	102.9
1945: July 1	98.7	101.1	100.7	100.9	100.6	103.5	100.0	98.6	104.2	99.7	99.9	99.9	100.6	99.9	102.9
1946: July 1	99.8	99.1	100.2	100.1	100.4	99.4	100.0	98.6	102.8	99.2	99.9	99.9	99.9	99.7	100.9
1947: July 1	99.8	99.1	99.7	100.0	100.0	99.4	100.0	100.0	102.8	100.0	99.9	98.9	100.0	100.0	99.9
1948: July 1	100.1	100.5	100.4	100.0	100.0	99.4	100.0	100.0	98.6	100.0	100.0	100.6	100.0	100.0	99.8
1949: July 1	100.1	100.5	100.0	100.0	100.0	101.1	100.0	100.0	98.6	100.0	100.0	100.6	100.0	100.0	100.4
1950: July 1	100.1	100.5	100.0	100.0	100.0	101.1	100.0	100.0	101.7	100.0	100.0	100.6	100.0	100.0	102.7
1951: July 1	100.1	100.5	100.1	100.0	100.0	101.1	100.0	100.0	101.7	100.0	100.0	100.6	98.8	98.8	102.7

TABLE 11B.—Indexes of union weekly hours in each building trade, 1907-51 - Continued
(Average 1947, 1948 and 1949 = 100)

Date	Plumbers	Redmen	Roofers, composition	Roofers, slate and tile	Sheet metal workers	Steam and sprinkler fitters	Stonemasons	Structural-iron workers 1/	Tile layers	Bricklayers' tenders	Building laborers	Composition roofers' helpers	Plasterers' laborers	Plumbers' laborers	Tile layers' helpers
1907: May 15	123.7	-	-	-	117.0	118.8	118.0	120.0	-	123.3	125.1	-	127.8	-	-
1908: May 15	123.8	-	-	-	116.9	118.8	118.0	117.6	-	123.3	125.1	-	127.3	-	-
1909: May 15	123.8	-	-	-	116.9	118.5	118.0	116.0	-	122.9	124.7	-	127.0	-	-
1910: May 15	123.6	-	-	-	116.9	117.8	116.2	114.7	-	121.9	121.7	-	127.0	-	-
1911: May 15	123.3	-	-	-	116.6	117.7	115.4	114.5	-	121.3	121.7	-	126.9	-	-
1912: May 15	122.3	-	-	-	115.1	116.9	115.4	113.4	110.7	120.3	121.7	-	126.3	-	125.7
1913: May 15	122.3	-	-	-	114.9	116.5	115.3	112.9	113.1	120.3	121.7	-	126.3	-	125.1
1914: May 15	121.8	-	113.8	111.6	114.8	115.0	115.3	112.7	113.1	118.8	121.3	-	126.4	-	125.1
1915: May 15	121.8	-	113.8	111.6	114.6	115.0	115.2	112.7	112.7	118.8	121.3	-	126.4	-	123.2
1916: May 15	121.2	-	113.8	111.2	114.1	114.6	115.0	112.4	112.1	118.8	120.7	-	125.2	-	122.8
1917: May 15	121.1	-	113.0	109.2	114.0	114.5	114.9	112.2	111.8	118.7	119.3	-	125.0	-	121.8
1918: May 15	120.1	-	112.5	109.2	112.8	113.4	114.9	111.8	111.8	118.7	118.8	-	125.0	-	121.8
1919: May 15	119.7	-	112.5	108.9	112.3	113.3	114.2	111.6	111.3	118.3	116.6	-	124.5	-	121.4
1920: May 15	119.7	-	112.5	108.9	111.9	113.2	114.2	111.6	111.0	118.0	115.3	-	124.5	-	121.4
1921: May 15	119.5	-	110.4	108.8	111.9	113.1	114.3	111.6	111.1	118.0	115.3	-	124.0	-	121.6
1922: May 15	119.5	-	110.4	108.7	111.8	113.1	114.2	111.6	110.9	118.3	114.5	-	124.0	-	121.6
1923: May 15	119.5	-	110.4	109.0	111.8	113.1	114.2	111.6	111.2	118.3	115.3	-	124.1	-	122.7
1924: May 15	119.5	-	110.4	108.6	111.8	113.1	113.9	111.6	111.2	118.2	115.0	-	124.0	-	122.7
1925: May 15	119.5	-	110.4	108.6	111.8	113.1	113.9	111.3	111.2	118.0	115.1	-	123.9	-	122.7
1926: May 15	119.5	-	110.4	108.6	111.8	112.9	114.1	111.6	111.2	118.2	115.3	-	119.8	-	122.7
1927: May 15	119.2	-	110.4	108.6	111.4	112.7	113.9	111.6	111.1	118.2	115.5	-	119.7	-	122.7
1928: May 15	119.2	-	110.3	108.6	111.1	112.7	113.8	111.5	110.8	118.2	115.4	-	120.0	-	122.7
1929: May 15	118.2	-	109.7	107.3	111.0	112.1	110.5	111.0	110.6	111.6	115.3	-	119.9	-	122.1
1930: May 15	112.7	-	105.4	102.7	106.9	107.1	106.7	107.6	104.9	110.9	113.2	-	116.8	-	114.2
1931: May 15	111.2	-	104.1	101.0	105.1	106.0	104.8	106.3	103.5	110.3	111.8	-	115.8	-	113.0
1932: May 15	110.8	-	103.0	101.0	103.6	105.0	104.4	103.7	102.4	107.9	107.9	-	115.5	-	111.6
1933: May 15	110.3	-	104.3	101.0	103.5	104.4	103.6	103.4	102.2	107.3	107.5	-	113.6	-	111.7
1934: May 15	109.2	-	101.6	100.6	102.0	103.8	103.1	101.9	95.3	105.3	102.8	-	110.1	-	107.0
1935: May 15	108.5	-	101.5	99.3	102.1	103.5	103.0	100.7	95.3	105.2	102.7	-	108.8	-	93.1
1936: May 15	107.1	-	102.1	100.2	102.0	103.7	103.0	100.6	95.2	105.0	103.2	-	107.0	-	93.1
1937: May 15	107.7	100.3	102.2	100.1	102.1	103.8	103.0	100.1	99.3	105.3	103.5	99.9	107.0	-	99.6
1938: June 1	102.3	100.3	100.4	98.9	100.0	98.3	99.6	99.0	99.3	104.0	103.0	99.9	102.0	103.2	99.6
1939: June 1	102.6	100.2	100.5	98.9	100.0	98.7	99.6	98.9	99.3	103.7	102.9	99.9	101.7	103.2	99.6
1940: June 1	101.5	100.2	100.1	98.8	100.0	98.7	99.5	98.9	99.3	103.6	102.3	99.6	101.3	100.0	99.6
1941: June 1	101.9	101.1	100.8	98.8	100.8	99.3	99.6	99.3	99.7	103.5	102.6	100.2	101.7	100.0	100.0
1942: July 1	102.5	101.1	100.9	100.2	100.9	100.9	99.8	100.0	101.0	102.3	101.6	100.5	101.8	99.7	100.0
1943: July 1	104.4	101.2	100.8	100.0	100.9	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	103.0	100.0
1944: July 1	104.4	101.2	100.7	100.0	100.9	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	102.9	100.0
1945: July 1	104.4	101.2	100.7	100.0	100.9	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	102.9	100.0
1946: July 1	100.8	100.6	100.4	100.0	100.8	100.0	99.6	100.0	100.0	100.5	100.0	100.0	101.7	100.0	100.0
1947: July 1	99.8	100.0	100.4	100.0	100.1	100.0	98.9	100.0	100.0	100.0	100.0	100.0	100.9	100.0	100.0
1948: July 1	100.1	100.0	100.4	100.0	100.1	100.0	100.6	100.0	100.0	100.0	100.0	100.0	99.6	100.0	100.0
1949: July 1	100.1	100.0	99.2	100.0	99.9	100.0	100.4	100.0	100.0	100.0	100.0	100.0	99.6	100.0	100.0
1950: July 1	100.8	100.0	99.2	100.0	99.9	100.0	100.4	100.0	100.0	100.0	100.0	100.0	99.6	100.0	100.0
1951: July 1	100.8	100.0	99.2	100.0	99.9	100.0	100.5	100.0	100.0	99.8	99.8	100.0	100.8	100.0	100.0

1/ Included redmen prior to 1940.

TABLE 12.—Distribution of union members in the building trades by straight-time weekly hours, July 1, 1951

Trade	Average hours per week	Percent of union members having workweek of -					Trade	Average hours per week	Percent of union members having workweek of -				
		30 hours	35 hours	37.5 hours	40 hours	Over 40 hours			30 hours	35 hours	37.5 hours	40 hours	Over 40 hours
All building trades	39.3	0.6	12.9	0.8	85.7	(1/)	Journeyman: - Continued						
Journeyman	39.3	.6	13.7	-	85.7	(1/)	Roofers, composition	39.5	-	10.6	-	89.2	0.2
Asbestos workers	39.6	-	7.5	-	92.5	-	Roofers, slate and tile	40.0	-	-	-	100.0	-
Boilermakers	40.0	-	-	-	100.0	-	Sheet-metal workers	39.5	-	9.3	-	90.7	-
Bricklayers	38.9	.1	22.6	-	77.3	-	Steam and						
Carpenters	39.4	-	12.5	-	87.5	-	sprinkler fitters	39.6	-	8.8	-	91.2	-
Cement finishers	39.5	.1	9.5	-	90.4	-	Stonemasons	39.3	(1/)	14.9	-	85.1	-
							Structural-iron						
Electricians							workers	39.9	-	2.8	-	97.2	-
(inside wiremen)	39.4	-	12.2	-	87.8	-	Tile layers	40.0	-	-	-	100.0	-
Elevator constructors	40.0	-	-	-	100.0	-							
Glaziers	39.5	-	10.1	-	89.9	-	Helpers and laborers	39.3	0.9	9.8	3.7	85.4	.2
Lathers	38.5	5.3	19.2	-	75.5	-	Bricklayers' tenders	38.3	.1	31.8	3.8	64.3	.3
Machinists	40.0	-	-	-	100.0	-	Building laborers	39.6	-	6.1	3.7	89.9	.3
Marble setters	40.0	-	-	-	100.0	-	Composition roofers'						
							helpers	39.8	-	5.0	-	95.0	-
Mosaic and terrazzo							Elevator constructors'						
workers	40.0	*-	-	-	100.0	-	helpers	40.0	-	-	-	100.0	-
Painters	38.5	(1/)	30.1	-	69.9	-	Marble setters' helpers	40.0	.1	-	-	99.9	-
Paperhangers	39.4	-	11.3	-	88.4	0.3	Plasterers' laborers	38.6	11.2	1.7	8.6	78.5	-
Plasterers	37.9	20.6	1.3	-	78.1	-	Plumbers' laborers	40.0	-	-	-	100.0	-
Plumbers	39.2	-	16.0	-	84.0	-	Terrazzo workers'						
Rodmen	39.7	-	5.9	-	94.1	-	helpers	40.0	.2	-	-	99.8	-
							Tile layers' helpers	40.0	.1	-	-	99.9	-

1/ Less than 0.05 of 1 percent.

TABLE 13.—Percent of union members affected by changes in straight-time weekly hours by trade, July 1, 1951, compared with July 1, 1950

Trade	Percent of union members affected by -			Trade	Percent of union members affected by -		
	No change	Increase	Decrease		No change	Increase	Decrease
All building trades	98.1	0.2	1.7	Journeyman: - Continued			
Journeyman	98.6	.2	1.2	Roofers, composition	100.0	-	-
Asbestos workers	100.0	-	-	Roofers, slate, and tile	100.0	-	-
Boilermakers	100.0	-	-	Sheet-metal workers	100.0	-	-
Bricklayers	99.0	1.0	-	Steam and sprinkler fitters	99.9	0.1	-
Carpenters	99.8	.2	-	Stonemasons	99.2	.8	-
Cement finishers	100.0	-	-	Structural-iron workers	100.0	-	-
				Tile layers	100.0	-	-
Electricians (inside wiremen)	99.9	.1	-	Helpers and laborers	95.8	.5	3.7
Elevator constructors	100.0	-	-	Bricklayers' tenders	96.2	-	3.8
Glaziers	100.0	-	-	Building laborers	96.3	-	3.7
Lathers	99.9	.1	-	Composition roofers' helpers	100.0	-	-
Machinists	100.0	-	-	Elevator constructors'			
Marble setters	100.0	-	-	helpers	100.0	-	-
Mosaic and terrazzo workers	100.0	-	-				
Painters	90.8	-	9.2	Marble setters' helpers	100.0	-	-
Paperhangers	90.1	-	9.9	Plasterers' laborers	84.5	6.9	8.6
Plasterers	100.0	-	-	Plumbers' laborers	100.0	-	-
Plumbers	99.9	.1	-	Terrazzo workers' helpers	100.0	-	-
Rodmen	100.0	-	-	Tile layers' helpers	100.0	-	-

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951

[Hours are 40 per week for both years unless otherwise indicated]

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
ATLANTA, GA.			BALTIMORE, MD. - Continued			BIRMINGHAM, ALA. - Continued		
<u>Journeyman</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Asbestos workers	\$2.250	\$2.500	Carpenters	\$2.350	\$2.420	Cement finishers	\$2.175	\$2.280
Boilermakers	2.350	2.475	Parquetry floor layers, wharf and bridge millwrights, and pile drivers ..	2.350	2.420	Electricians (inside wiremen)	2.250	2.500
Bricklayers	2.500	2.750	Cement finishers	2.300	2.360	Elevator constructors	2.255	2.445
Carpenters	1.875	2.000	Electricians (inside wiremen)	2.400	2.750	Engineers - Power equipment operators:		
Millwrights and pile drivers	1.900	2.000	Elevator constructors	2.590	2.710	Air compressors	1.850	1.925
Cement finishers	2.100	2.310	Engineers - Power equipment operators:			Bulldozers	2.000	2.090
Electricians (inside wiremen)	2.250	2.500	Building construction:			Cranes, derricks, and draglines	2.225	2.340
Elevator constructors	2.325	2.520	Heavy equipment:			Finishing machines	1.850	1.925
Engineers - Power equipment operators:			Derrick, steel, stone, excavating cranes, shovels, double elevators ..	2.600	2.600	Graders:		
Air compressors:			Medium equipment:			Blade	1.950	2.035
Portable and stationary ..	1.500	1.500	Temporary elevators, concrete pumps, single-drum hoists	2.025	2.025	Motor	2.100	2.200
Bulldozers:			Light equipment:			Hoists:		
Under 40 horsepower	1.500	1.500	Compressors, pumps	2.025	2.025	1 drum	1.975	2.060
40 horsepower and over ..	1.750	1.750	Bulldozers	1.825	1.825	2 drums or more	2.225	2.340
Cranes, derricks, draglines, and pile drivers	2.250	2.250	Heavy construction:			Mixers:		
Graders, elevating	2.250	2.250	Heavy equipment:			Under 5 bags	1.850	1.925
Hoists:			Whirlleys, derricks, cranes, shovels, pile drivers	2.600	2.600	5 bags and over	2.225	2.340
1 drum	1.750	1.750	Medium equipment:			Pile drivers	2.225	2.340
2 drums	2.000	2.000	Hoists (single drum), compressors, pumps	2.025	2.025	Pumps	1.850	1.925
3 drums	2.250	2.250	Light equipment:			Rollers	1.975	2.060
Locomotives	1.750	1.750	Tractors with attachment	1.825	1.825	Scrapers	2.225	2.340
Mixers:			Glaziers	2.150	2.150	Shovels	2.225	2.340
Under 10S	1.500	1.500	Lathers	2.500	2.750	Tractors	1.975	2.060
10S and over	1.750	1.750	Machinists	2.350	2.500	Trenching machines	2.225	2.340
Pumps	1.500	1.500	Marble setters	2.500	2.500	Glaziers	1.950	2.060
Rollers	1.500	1.500	Mosaic and terrazzo workers ..	2.500	2.500	Lathers	2.250	2.250
Scrapers	1.750	1.750	Painters	1.900	2.050	Marble setters	2.250	2.500
Shovels	2.250	2.250	Structural steel	2.025	2.175	Mosaic and terrazzo workers ..	2.500	2.500
Tractors:			Paperhangers	1.900	2.050	Painters	2.000	2.250
40 horsepower and under ..	1.500	1.500	Plasterers	2.500	2.500	Spray	2.000	2.250
Over 40 horsepower	1.750	1.750	Plumbers	2.400	2.500	Structural steel, stage and swing stage	2.250	2.500
Trenching machines	2.000	2.000	Rodmen	2.350	2.500	Paperhangers	2.000	2.250
Glaziers	1.850	2.000	Roofers, composition	2.250	2.370	Plasterers	2.300	2.420
Lathers	2.250	2.500	Roofers, slate and tile	2.400	2.480	Plumbers	2.450	2.500
Machinists	2.250	2.500	Sheeters and precast slabmen	2.400	2.500	Rodmen	2.050	2.170
Mosaic and terrazzo workers ..	2.500	2.750	Sheet-metal workers	2.000	2.200	Roofers, composition	1.900	1.935
Painters	1.850	2.000	Sign painters	2.400	2.500	Roofers, slate and tile, slabbers and sheeters	1.900	1.935
Structural steel and swinging stage	2.100	2.250	Steam fitters	3.000	3.200	Sheet-metal workers	2.125	2.200
Paperhangers	2.100	2.250	Stonemasons	2.650	2.800	Sign painters	2.000	2.250
Plasterers	2.250	2.500	Tile layers	2.500	2.500	Steam fitters	2.450	2.500
Plumbers	2.600	2.750				Stonemasons	2.750	2.750
Rodmen	2.000	2.060				Structural and ornamental-iron workers	2.300	2.420
Roofers, composition	1.500	1.750				Buckers-up	(1/)	2.545
Roofers, slate and tile	1.500	1.750				Sheeters	2.550	2.670
Sheet-metal workers	2.000	2.000				Tile layers	2.500	2.500
Sign painters	2.000	2.000						
Steam fitters	2.600	2.750						
Stonemasons	2.500	2.750						
Structural- and ornamental-iron workers	2.250	2.335						
Erectors	(1/)	2.335						
Tile layers	2.500	2.750						
<u>Helpers and laborers</u>			<u>Helpers and laborers</u>			<u>Helpers and laborers</u>		
Bricklayers' tenders	1.100	1.100	Bricklayers' tenders	1.450	1.480	Bricklayers' tenders	1.000	1.100
Building laborers	1.000	1.050	Building laborers	1.350	1.380	Hod carriers	1.050	1.150
Elevator constructors' helpers	1.625	1.760	Elevator constructors' helpers	1.810	1.900	Mortar mixers	1.100	1.200
Plasterers' laborers	1.100	1.100	Marble setters' helpers	1.625	1.650	Building laborers, concrete workers	1.000	1.100
Plumbers' laborers	1.000	1.000	Plasterers' laborers	1.450	1.480	Elevator constructors' helpers	1.580	1.710
			Hod carriers	1.650	1.700	Marble setters' helpers	1.000	1.100
			Plumbers' laborers	1.350	1.380	Plasterers' laborers	1.050	1.150
			Terrazzo workers' helpers	1.600	1.600	Plumbers' laborers	1.100	1.200
			Tile layers' helpers	1.625	1.650	Steam and sprinkler fitters' helpers	1.100	1.200
						Terrazzo workers' helpers	1.000	1.100
						Machine operators	1.100	1.200
						Tile layers' helpers	1.000	1.100
BALTIMORE, MD.			BIRMINGHAM, ALA.			BOSTON, MASS.		
<u>Journeyman</u>			<u>Journeyman</u>			<u>Journeyman</u>		
Asbestos workers	2.250	2.500	Asbestos workers	2.250	2.500	Asbestos workers	2.450	2.695
Boilermakers	2.375	2.610	Bricklayers	2.750	2.750	Boilermakers	2.450	2.600
Bricklayers	3.000	3.200	Carpenters, floor layers, pile drivers	1.900	2.125			
			Millwrights	2.025	2.250			

1/ Information not available for rate and hours on July 1, 1950.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
BOSTON, MASS. - Continued			BUFFALO, N. Y.			BUFFALO, N. Y. - Continued		
<u>Journeyman</u> - Continued			<u>Journeyman</u>			<u>Helpers and laborers</u> - Continued		
Bricklayers	\$2.775	\$2.888	Asbestos workers	\$2.525	\$2.650	Elevator constructors' helpers	\$1.825	\$1.840
Carpenters	2.375	2.475	Boilermakers	2.525	2.800	Marble setters' helpers	1.800	1.843
Cement finishers	2.775	2.888	Bricklayers	2.750	3.020	Plasterers' laborers	1.875	1.915
Electricians (inside wiremen)	2.600	2.750	Carpenters	2.375	2.525	Mortar mixers	1.925	1.965
Elevator constructors	2.545	2.645	Millwrights	2.475	2.600	Plumbers' laborers	2.025	2.065
Engineers - Power equipment operators:			Cement finishers	2.355	2.660	Terrazzo workers' helpers	1.800	1.843
Building construction:			Swing scaffold	2.625	2.730	Terrazzo grinders	1.875	1.925
Heavy equipment:			Machine operators	2.525	2.620	Tile layers' helpers	1.800	11.843
Power shovels, pile drivers, hoisting engines	2.600	2.800	Swing scaffold	2.775	2.870			
Medium equipment:			Electricians (inside wiremen)	2.580	2.750	BUTTE, MONT.		
Bulldozers, concrete mixers, steamboilers ..	2.225	2.425	Elevator constructors	2.605	2.630	<u>Journeyman</u>		
Light equipment:			Engineers - Power equipment operators:			Bricklayers	2/2.500	2/2.500
Pumps, compressors, welding machines	2.150	2.350	Building construction:			Carpenters	2/2.125	2/2.340
Heavy construction:			Heavy equipment:			Cement finishers	2/2.500	2/2.500
Heavy equipment:			Shovels, cranes, derricks	2.525	2.830	Electricians (inside wiremen)	2/2.417	2.630
Power shovels, pile drivers, lighters	2.600	2.800	Medium equipment:			Elevator constructors	2.220	2.570
Medium equipment:			Carry-alls, trenching machines	2.400	2.705	Engineers - Power equipment operators:		
Concrete mixers, steam boilers, bulldozers ...	2.225	2.425	Hoists	2.360	2.665	Building construction:		
Light equipment:			Light equipment:			Heavy equipment:		
Pumps, compressors, welding machines	2.150	2.350	Compressors, mechanical heaters	2.150	2.455	Shovels - under 1 yard	2.125	2.200
Glaziers	2.225	2.225	Pumps	2.275	2.580	Shovels - 1 yard to and including 4 yards ...	2.275	2.360
Granite cutters	2.775	2.775	Heavy construction:			Tractors	2.125	2.200
Lathers	2.850	2.970	Heavy equipment:			Medium equipment:		
Machinists	2.250	2.750	Shovels, cranes, backhoes	2.525	2.830	Hoists - single drum ..	1.925	1.980
Marble setters	2.525	2.610	Medium equipment:			Hoists - 2 or more drums ..	2.125	2.200
Mosaic and terrazzo workers ..	2.525	2.610	Graders, carry-alls, trenching machines	2.400	2.705	Air compressors - single	1.725	1.920
Painters	2.100	2.250	Light equipment:			Air compressors - 2 or more	1.875	1.920
Plasterers	2.850	2.970	Compressors, heating boilers	2.150	2.455	Mixers, concrete - 4 bags or over	1.975	2.040
Plumbers	2.450	2.695	Pavers	2.525	2.830	Light equipment:		
Rodmen	2.550	2.750	Glaziers	2.100	2.250	Mixers, concrete - 3 bags or under	1.775	1.920
Roofers, composition	2.300	2.400	Lathers	2.525	2.900	Scoopmobiles and similar type loaders	1.875	1.920
Roofers, slate and tile	2.300	2.400	Machinists	2.650	2.650	A-frame truck cranes ..	1.925	1.980
Sheet-metal workers	2.450	2.550	Marble setters	2.475	2.585	Heavy construction:		
Sign painters	1.850	1.950	Mosaic and terrazzo workers ..	2.375	2.475	Heavy equipment:		
Letterers (outdoor)	1.900	2.075	Painters	2.250	2.338	Shovels - under 1 yard	2.125	2.200
Pictorial	2.175	2.275	Spray and structural steel	2.250	2.338	Shovels - 1 yard to and including 4 yards	2.275	2.360
Steam fitters	2.450	2.695	Swinging and steel swinging scaffold	2.250	2.338	Cat tractors; all types ..	2.125	2.200
Sprinkler fitters	2.450	2.695	Paperhangers	2.250	2.338	Medium equipment:		
Stone cutters:			Plasterers	2.525	2.900	Crushers	2.125	2.200
Inside	2.250	2.338	Plumbers	2.650	2.650	File drivers	2.125	2.200
Outside	2.775	2.888	Rodmen	2.525	2.640	Light equipment:		
Carvers:			Roofers, composition	2.275	2.365	Air compressors - single	1.725	1.750
Inside	2.500	2.588	Roofers, slate and tile	2.425	2.550	Air compressors - 2 or more	1.875	1.920
Outside	3.010	3.138	Sheet-metal workers	2.375	2.525	Loaders, (Barber Green and similar types) ...	1.825	1.870
Artificial stone patchers:			Sign painters	2.250	2.390	Glaziers	1.688	1.750
Inside	1.950	2.090	Pictorial	2.360	2.520	Lathers	2/2.500	3.125
Outside	2.775	2.888	Steam fitters	2.525	2.800	Marble setters	2/2.500	2/2.500
Stonemasons	2.775	2.888	Sprinkler fitters	2.525	2.640	Mosaic and terrazzo workers ..	2/2.500	2/2.500
Structural-iron workers	2.550	2.350	Stonemasons (curb)	2.250	2.475	Painters	3/2.143	3/2.285
Tile layers	2.525	2.610	Building, fitting, and cutting	2.360	2.475	Paperhangers	3/2.143	3/2.285
<u>Helpers and laborers</u>			Stonemasons	2.750	2.750	Plasterers	2/2.500	2/2.500
Bricklayers' tenders	1.750	1.815	Structural- and ornamental-iron workers	2.525	2.830	Plumbers	2/2.417	2.750
Building laborers	1.750	1.815	Tile layers	2.375	2.475	Rodmen	2.250	2.250
Composition roofers' helpers ..	1.675	1.770	<u>Helpers and laborers</u>			Roofers, composition	4/1.750	4/1.750
Elevator constructors' helpers ..	1.750	1.850	Bricklayers' tenders	1.775	2.020	Sheet-metal workers	2.375	2.375
Marble setters' helpers	1.900	1.925	Building laborers	1.775	2.020	Steam fitters	2/2.417	2.750
Plasterers' helpers	1.900	1.980				Stonemasons	2/2.500	2/2.500
Terrazzo workers' helpers	1.975	2.000				Structural-iron workers	2.250	2.250
Tile layers' helpers	1.900	1.925				Tile layers	2/2.500	2/2.500

2/ 30-hour workweek.
3/ 35-hour workweek.
4/ 48-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
BUTTE, MONT. - Continued			CHARLESTON, W. VA. - Continued			CHARLOTTE, N. C. - Continued		
<u>Helpers and laborers</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Bricklayers' tenders	2/1.750	2/1.875	Bricklayers	2.750	3.000	Engineers - Power equipment operators:		
Building laborers	4/1.500	4/1.500	Carpenters	2.250	2.340	Air compressors	\$ 1.625	\$ 1.875
Elevator constructors' helpers	1.550	1.880	Millwrights	2.375	2.555	Bulldozers	1.750	1.875
Marble setters' helpers	2/1.750	2/1.875	Pile drivers	2.375	2.555	Cranes, derricks	2.000	2.125
Plasterers' laborers	2/1.750	2/1.875	Cement finishers	2.000	2.250	Draglines	1.875	2.125
Terrazzo workers' helpers	2/1.750	2/1.875	Electricians (inside wiremen)	2.425	2.550	Graders	1.750	2.000
Tile layers' helpers	2/1.750	2/1.875	Elevator constructors	2.335	2.555	Hoists:		
CHARLESTON, S. C.			Engineers - Power equipment operators:			1 drum	1.625	1.625
<u>Journeyman</u>			Building construction:			2 or more drums	1.875	1.875
Asbestos workers	2.125	2.500	Heavy equipment:			Boom	(1/)	2.125
Boilermakers	2.350	2.475	Cranes, derricks, and shovels	2.375	2.500	Locomotives	1.625	1.625
Bricklayers	2.250	2.500	Medium equipment:			Mixers, smaller than 10S ..	(1/)	1.625
Carpenters	1.750	1.925	Cranes, derricks, and shovels	2.375	2.500	Mixers, larger than 10S ..	1.625	1.750
Millwrights	2.000	2.200	Light equipment:			Pile drivers	2.000	2.250
Wharf and bridge	1.750	2.200	Compressors, hoists, and welding machines	2.375	2.500	Pumps, under 2 inches	(1/)	1.625
Parquetry floor layers (soft floor)	(1/)	2.100	Heavy construction:			Pumps, over 2 inches	1.625	1.750
Cement finishers	1.750	1.750	Heavy equipment:			Rollers:		
Electricians (inside wiremen):			Cranes, draglines, and shovels	2.375	2.500	Asphalt	1.750	2.000
Commercial	2.000	2.350	Medium equipment:			Earth	1.625	1.870
Residential	1.500	2.350	Cranes, draglines, and shovels	2.375	2.500	Scrapers	1.875	2.125
Elevator constructors	2.150	2.270	Light equipment:			Shovels	1.875	2.125
Engineers - Power equipment operators:			Bulldozers, LeTourneaus, and scoops	1.925	2.050	Trenching machines	1.875	2.125
Air compressors	1.750	1.750	Glaziers	2.100	2.175	Tractors, with attachments	(1/)	2.125
Bulldozer operators	1.600	1.750	Lathers (wood, wire and metal)	2.125	2.340	Glaziers	1.650	1.650
Crane operators	2.000	2.250	Marble setters	2.550	2.800	Lathers	2.500	2.500
Hoists:			Mosaic and terrazzo workers ..	2.550	2.800	Marble setters	2.250	2.500
1 drum	1.750	2.000	Painters	2.000	2.200	Mosaic and terrazzo workers ..	2.000	2.500
2 or more drums	2.000	2.250	Spray	2.375	2.475	Painters	1.650	1.650
Mixers	1.750	1.750	Structural steel	2.250	2.475	Spray	2.000	2.200
Pile drivers	2.000	2.250	Paperhangers	2.000	2.200	Structural steel	1.900	2.090
Glaziers:			Plasterers	2.250	2.500	Stage work	1.900	2.090
Wood	1.500	1.750	Plumbers	2.375	2.500	Tanks, towers, and hazardous work	(1/)	2.200
Steel	2.000	2.250	Rodmen	2.375	2.500	Paperhangers	1.900	2.090
Painters	1.500	1.750	Roofers, composition	1.875	1.925	Plasterers	2.250	2.250
Spray	1.625	2.500	Roofers, slate and tile	1.875	1.925	Plumbers	2.125	2.375
Structural steel and swinging stage	2.000	2.250	Sheet-metal workers	2.150	2.300	Rodmen	1.750	2.000
Paperhangers	1.500	1.750	Sign painters	2.175	2.175	Sheet-metal workers	1.800	2.000
Plasterers	2.250	2.500	Steam fitters	2.375	2.475	Steam fitters	2.125	2.375
Plumbers	2.250	2.500	Stonemasons	2.750	3.000	Structural and ornamental-iron workers	2.000	2.250
Rodmen	1.750	2.000	Structural-iron workers	2.375	2.500	Tile layers	2.000	2.500
Sheet-metal workers	1.750	2.000	Finishers	2.375	2.500	<u>Helpers and laborers</u>		
Sign painters	1.500	1.750	Sheeters	2.500	2.750	Bricklayers' tenders .....	.925	.950
Steam fitters	2.250	2.500	Tile layers	2.550	2.800	Hod carriers	(1/)	.950
Structural and ornamental-iron workers	2.000	2.250	<u>Helpers and laborers</u>			Mortar mixers	(1/)	1.050
Buckers-up	2.125	2.250	Bricklayers' tenders	1.500	1.750	Building laborers .....	.825	.950
Sheeters	2.250	2.500	Building laborers	1.350	1.600	Air tool operators .....	.975	1.050
Tile layers	(1/)	2.500	Elevator constructors' helpers	1.635	1.790	Concrete workers .....	.825	.950
<u>Helpers and laborers</u>			Plasterers' laborers	1.500	1.750	Plasterers' laborers .....	.925	.950
Bricklayers' tenders	1.050	1.000	Plumbers' laborers	1.350	1.600	Plumbers' laborers	(1/)	.950
Hod carriers	1.050	.900	CHARLOTTE, N. C.			CHAATTANOOGA, TENN.		
Mortar mixers	1.050	1.050	<u>Journeyman</u>			<u>Journeyman</u>		
Building laborers .....	.900	.900	Asbestos workers	2.250	2.330	Boilermakers	2.350	2.475
Concrete workers	(1/)	1.000	Boilermakers	2.350	2.475	Bricklayers	2.500	2.750
Elevator constructors' helpers	1.505	1.590	Bricklayers	2.250	2.475	Carpenters:		
Plasterers' laborers	1.050	1.000	Carpenters, floor layers	1.650	1.850	Commercial	1.900	2.300
Hod carriers	1.050	.900	Millwrights, wharf and bridge, pile drivers	2.000	2.000	Residential	1.750	2.150
Mortar mixers	1.050	1.050	Cement finishers	1.600	1.800	Millwright	1.900	2.300
CHARLESTON, W. VA.			Electricians (inside wiremen)	1.850	2.000	Wharf and bridge, pile drivers	(1/)	2.300
<u>Journeyman</u>						Cement finishers	1.850	2.050
Asbestos workers	2.375	2.450				Electricians (inside wiremen)	2.250	2.500
Boilermakers	2.375	2.610				Elevator constructors	2.240	2.460

1/ Information not available for rate and hours on July 1, 1950.

2/ 30-hour workweek.

3/ 48-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
CHATTANOOGA, TENN. - Continued			CHICAGO, ILL. - Continued			CINCINNATI, OHIO - Continued		
Journeyman - Continued			Journeyman - Continued			Journeyman - Continued		
Engineers - Power equipment operators:			Elevator constructors	\$2.525	\$2.760	Carpenters	\$2.250	\$2.475
Air compressors:			Engineers - Power equipment operators:			Millwrights	2.400	2.585
1 portable	\$1.300	\$1.500	Building construction:			Parquetry floor layers	2.250	2.475
2 not more than 3 portable	1.600	1.800	Heavy equipment:			Wharf and bridge	2.250	2.475
Bulldozers	1.800	2.000	Draglines	2.850	3.000	Cement masons	2.150	2.365
Cranes, derricks, draglines, pile drivers	2.000	2.250	Mixers	2.850	3.000	Electricians (inside wiremen)	2.550	2.700
Graders	1.800	2.000	Shovels	2.850	3.000	Elevator constructors	2.505	2.550
Hoists:			Medium equipment:			Engineers - Power equipment operators:		
1 drum	1.600	1.800	Cranes, mobile	2.600	2.700	Building construction:		
2 drums	1.800	2.000	Derricks	2.500	2.650	Heavy equipment:		
Locomotive:			Hoists	2.500	2.650	Cranes	2.450	2.600
Under 20 tons	1.600	1.800	Light equipment:			Derricks	2.450	2.600
20 tons and over	1.800	2.000	Bulldozers	2.250	2.370	Power shovels	2.450	2.600
Mixers (over 2 bags - not to include central plants)	1.600	1.800	Le Tourneau scoops	2.400	2.540	Medium equipment:		
Pumps:			Power blades	2.475	2.615	Power graders	2.200	2.350
1 pump	1.300	1.500	Heavy construction:			Rollers	2.075	2.225
2 not more than 3	1.600	1.800	Heavy equipment:			Trenching machines	2.200	2.350
Rollers	1.600	1.800	Draglines	4/2.850	4/3.000	Light equipment:		
Scrapers	1.800	2.000	Large mixers	4/2.850	4/3.000	Bulldozers	2.200	2.350
Shovels	2.000	2.250	Shovels	4/2.850	4/3.000	Compressors	2.075	2.225
Tournapulls	2.000	2.250	Medium equipment:			Pumps, under 4 inch	1.675	1.825
Tractors	1.600	1.800	Cranes, mobile	4/2.600	4/2.700	Pumps, 4 inch and over	2.075	2.225
Trenching machines	1.800	2.000	Derricks	4/2.500	4/2.650	Heavy construction:		
Glaziers	1.750	1.925	Hoists	4/2.500	4/2.650	Heavy equipment:		
Lathers	2.000	2.250	Light equipment:			Cranes	2.450	2.600
Marble setters	2.500	2.750	Bulldozers	4/2.250	4/2.370	Derricks	2.450	2.600
Mosaic and terrazzo workers	2.500	2.750	Le Tourneau scoops	4/2.400	4/2.540	Power shovels	2.450	2.600
Painters	1.875	1.925	Power blades	4/2.475	4/2.615	Medium equipment:		
Spray	3.000	3.025	Glaziers	2.650	2.800	Power graders	2.200	2.350
Structural steel erected, scaffold over 20 feet	2.150	2.200	Granite cutters	2.560	2.850	Rollers	2.075	2.225
Structural steel on ground	1.875	1.925	Lathers (wood, wire, and metal)	2.550	2.750	Trenching machines	2.200	2.350
Swing scaffold	2.000	2.200	Machinists	2.500	2.600	Light equipment:		
Paperhangers	2.150	2.200	Marble setters and cutters	2.550	2.700	Bulldozers	2.200	2.350
Plasterers	2.250	2.500	Mosaic and terrazzo workers	2.550	2.700	Compressors	1.875	2.025
Plumbers	2.250	2.500	Painters	2.475	2.600	Pumps, under 4 inch	1.675	1.825
Rodmen	2.100	2.350	Paperhangers	2.475	2.600	Pumps, 4 inch and over	2.075	2.225
Roofers, composition	2.000	2.000	Plasterers	2.550	2.805	Glaziers	2.375	2.500
Roofers, slate and tile	2.250	2.250	Plumbers	2.450	2.700	Lathers, wood and metal	2.425	2.585
Sheet-metal workers	2.000	2.250	Rodmen	2.600	2.750	Machinists	2.350	2.500
Steam fitters	2.250	2.500	Roofers, composition	2.625	2.750	Marble setters	2.700	2.840
Stonemasons	2.500	2.750	Roofers, slate and tile	2.550	2.750	Mosaic and terrazzo workers	2.450	2.640
Structural- and ornamental-iron workers	2.100	2.350	Sheet-metal workers	2.600	2.695	Painters	2.150	2.310
Tile layers	2.500	2.750	Sign painters	2.625	2.740	Paperhangers	2.150	2.310
Helpers and laborers			Steam fitters	2.500	2.700	Pipe fitters	2.350	2.640
Bricklayers' tenders	1.100	1.300	Sprinkler fitters	2.500	2.695	Plasterers	2.500	2.670
Hod carriers	1.100	1.300	Stonemasons	2.550	2.750	Plumbers	2.350	2.640
Mortar mixers	1.200	1.400	Structural-iron workers (erectors)	2.600	2.750	Rodmen	2.275	2.500
Building laborers	1.000	1.200	Ornamental-iron finishers	2.550	2.700	Roofers, composition	2.050	2.255
Composition roofers' helpers	1.100	1.200	Tile layers	2.500	2.700	Roofers, slate and tile	2.300	2.350
Elevator constructors' helpers	1.570	1.720	Helpers and laborers			Roofers, precast slab	2.400	2.450
Marble setters' helpers	1.100	1.300	Bricklayers' tenders	1.850	2.000	Sheet-metal workers	2.300	2.350
Plasterers' laborers	1.100	1.300	Building laborers	1.850	2.000	Sign painters	2.200	2.325
Plumbers' laborers	1.000	1.200	Elevator constructors' helpers	1.755	1.930	Stonemasons	2.700	2.840
Tile layers' helpers	1.100	1.300	Marble setters' helpers	1.900	2.000	Structural-iron workers:		
CHICAGO, ILL.			Plasterers' laborers	1.975	2.125	Bridge, structural and ornamental	2.425	2.500
Journeyman			Terrazzo workers' helpers	2.100	2.200	Finishers	2.425	2.500
Asbestos workers	2.600	2.700	Base-machine operators	2.325	2.550	Tile layers	2.450	2.640
Boilermakers	2.600	2.750	Tile layers' helpers	2.325	2.450	Helpers and laborers		
Bricklayers	2.550	2.750	CINCINNATI, OHIO			Bricklayers' tenders	1.850	1.850
Sewer, tunnel, etc.	2.900	3.200	Journeyman			Hod carriers	1.850	1.850
Carpenters	2.550	2.700	Asbestos workers	2.325	2.550	Building laborers	1.650	1.650
Cement finishers	2.450	2.700	Boilermakers	2.475	2.840	Elevator constructors' helpers	1.750	1.785
Electricians (inside wiremen)	2.525	2.775	Bricklayers	2.700	2.840	Marble setters' helpers	1.900	2.000
						Marble polishers	2.050	2.180
						Floor grinders	2.050	2.180
						Plasterers' laborers	1.850	1.850
						Plumbers' laborers	1.650	1.650
						Sewer pipe layers	1.650	1.650

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
CINCINNATI, OHIO - Continued			CLEVELAND, OHIO - Continued			DALLAS, TEX.		
<u>Helpers and laborers - Continued</u>			<u>Helpers and laborers - Continued</u>			<u>Journeyman</u>		
Terrazzo workers' helpers	\$1.825	\$1.950	Plumbers' laborers	\$2.075	\$2.200	Asbestos workers	\$2.375	\$2.500
Base grinders	2.200	2.320	Terrazzo workers' helpers	2.000	2.125	Bricklayers	3.125	3.125
Tile layers' helpers	1.725	1.850	Machine operators	2.150	2.275	Carpenters	2.125	2.250
CLEVELAND, OHIO			Tile layers' helpers	2.000	2.125	Millwrights	2.125	2.500
<u>Journeyman</u>			COLUMBUS, OHIO			Cement finishers	2.125	2.375
Asbestos workers	2.525	2.650	<u>Journeyman</u>			Electricians (inside wiremen)	2.375	2.500
Boilermakers	2.550	2.665	Asbestos workers	2.450	2.613	Elevator constructors	2.375	2.725
Bricklayers	2.700	2.700	Boilermakers	2.400	2.475	Engineers - Power equipment operators:		
Caisson and sewer	3.200	3.200	Bricklayers	2.750	2.750	Air compressors	2.000	2.000
Carpenters	2.700	2.825	Carpenters	2.250	2.393	Bulldozers	2.250	2.250
Millwrights	2.700	2.825	Millwrights	2.375	2.518	Carry-alls	2.250	2.250
Pile drivers	2.700	2.825	Parquetry and linoleum tile	2.250	2.393	Cranes, derricks, and draglines	2.250	2.250
Floor layers and scrapers ..	2.700	2.825	Wharf and bridge	2.375	2.518	Hoists:		
Cement finishers	2.525	2.650	Cement finishers	2.200	2.325	1 drum	2.000	2.000
Electricians (inside wiremen) ..	2.700	2.825	Electricians (inside wiremen) ..	2.450	2.613	2 or more drums	2.250	2.250
Elevator constructors	2.700	2.810	Elevator constructors	2.430	2.515	Mixers:		
Engineers - Power equipment operators:			Engineers - Power equipment operators:			Less than 14 cubic feet ..	2.000	2.000
Building construction:			Building construction:			14 cubic feet and over ...	2.250	2.250
Heavy equipment:			Heavy equipment:			Pumps:		
Cranes (all types), power shovels and derricks	2.700	2.825	Cranes (all types), power shovels and derricks	2.450	2.600	1 pump	1.750	1.750
Medium equipment:			Medium equipment:			2 or more	2.000	2.000
Power graders and trench machines	2.450	2.575	Power graders, rollers, and trench machines	2.200	2.350	Rollers	2.000	2.000
Rollers	2.325	2.450	Light equipment:			Shovels	2.250	2.250
Light equipment:			Bulldozers	2.200	2.350	Tractors	2.250	2.250
Bulldozers	2.450	2.575	Pumps and compressors ..	2.075	2.225	Glaziers	1.875	1.875
Pumps, 4-inch and over	2.325	2.450	Heavy construction:			Lathers	3.125	3.125
Compressors	2.125	2.250	Heavy equipment:			Marble setters	2.375	2.500
Glaziers	2.525	2.650	Cranes (all types), power shovels and derricks	2.450	2.600	Mosaic and terrazzo workers ..	2.375	2.500
Granite cutters, and polishers ..	2.125	2.125	Medium equipment:			Painters	2.125	2.125
Inside (surface machine) ..	2.300	2.300	Power graders, rollers, and trench machines	2.200	2.350	Spray, swinging stage	2.375	2.375
Outside (surface machine) ..	2.300	2.300	Light equipment:			Paperhangers	2.125	2.125
Lathers	2.700	2.825	Bulldozers	2.200	2.350	Plasterers	3.125	3.125
Machinists	2.500	2.750	Pumps and compressors ..	2.075	2.225	Plumbers	2.375	2.613
Marble setters	2.525	2.525	Glaziers	1.850	2.040	Rodmen	2.000	2.250
Mosaic and terrazzo workers ..	2.525	2.525	Lathers	2.475	2.625	Roofers, composition	1.875	1.925
Painters	2.325	2.450	Machinists, construction	2.750	2.750	Roofers, slate and tile	2.125	2.175
Fresco	2.375	2.450	Marble setters	2.375	2.375	Sheet-metal workers	2.250	2.500
Structural steel, spray and swing stage	2.450	2.575	Mosaic and terrazzo workers ..	2.375	2.375	Sign painters	2.000	2.250
Paperhangers	2.325	2.450	Painters	2.075	2.200	Steam fitters	2.375	2.613
Pipe fitters and refrigerator installers	2.700	2.825	Structural steel and spray ..	2.150	2.283	Stonemasons	3.125	3.125
Plasterers	2.700	2.825	Paperhangers	2.075	2.200	Structural- and ornamental-iron workers	2.250	2.500
Plumbers	2.700	2.825	Plasterers	2.475	2.625	Buckers-up	2.375	2.625
Rodmen, reinforcers	2.700	2.825	Plumbers	2.450	2.613	Sheeters	2.500	2.750
Roofers, composition	2.575	2.700	Rodmen and reinforcers	2.450	2.600	Tile layers	2.375	2.500
Roofers, slate and tile	2.700	2.825	Roofers, composition	2.000	2.250	<u>Helpers and laborers</u>		
Sheet-metal workers	2.525	2.650	Roofers, slate and tile	2.000	2.250	Bricklayers' tenders	1.225	1.350
Sign painters	2.500	2.500	Spray gun or damp proofing and par lock work	2.175	2.425	Mortar mixers	1.275	1.400
Sprinkler fitters	2.525	2.700	Sheet-metal workers	2.250	2.450	Building laborers	1.075	1.200
Stonecutters	2.250	2.400	Sign painters	1.950	1.950	Elevator constructors' helpers ..	1.650	1.900
Stonemasons	2.700	2.700	Steam fitters	2.450	2.613	Plasterers' laborers	1.275	1.400
Structural-iron workers	2.700	2.825	Stonecutters (inside)	2.500	2.875	DAYTON, OHIO		
Sheeters	2.950	3.075	Stonecutters (on buildings) ..	2.750	3.125	<u>Journeyman</u>		
Sheeters-bucker up	2.825	2.950	Stonemasons, stone setters, cement blockmen	2.750	2.875	Asbestos workers	2.375	2.500
Tile layers	2.525	2.650	Structural-iron workers	2.450	2.600	Boilermakers	2.300	2.500
<u>Helpers and laborers</u>			Tile layers	2.375	2.375	Bricklayers	2.750	2.890
Bricklayers' tenders	1.975	2.100	<u>Helpers and laborers</u>			Carpenters	2.275	2.500
Building laborers	1.975	2.100	Bricklayers' tenders	1.700	1.763	Cement finishers	2.105	2.320
Elevator constructors' helpers ..	1.890	2.000	Building laborers	1.500	1.563	Electricians (inside wiremen) ..	2.625	2.890
Marble setters' helpers	2.000	2.125	Elevator constructors' helpers ..	1.700	1.760	Elevator constructors	2.505	2.550
Plasterers' laborers	1.975	2.100	Plasterers' laborers	1.700	1.763	Engineers - Power equipment operators:		
						Building construction:		
						Heavy equipment:		
						Cranes (all types), power shovels, and derricks	2.525	2.780

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
DAYTON, OHIO - Continued			DENVER, COLO. - Continued			DES MOINES, IOWA - Continued		
Journeyman - Continued			Journeyman - Continued			Journeyman - Continued		
Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators:			Carpenters	\$2.250	\$2.250
Building construction: - Continued			Building construction:			Millwrights	2.250	2.250
Medium equipment:			Heavy equipment:			Parquetry floor layers	2.250	2.250
Power graders and trench machines	\$2.275	\$2.500	Derricks, guy and stiff leg	\$2.300	\$2.480	Wharf and bridge	2.250	2.250
Rollers	2.150	2.370	Shovel type	2.300	2.480	Cement finishers	2.250	2.338
Light equipment:			Multiple drum hoists ..	2.300	2.480	Electricians (inside wiremen) ..	2.450	2.550
Bulldozers	2.275	2.500	Medium equipment:			Elevator constructors	2.440	2.515
Pumps, over 4-inch	2.150	2.370	Tractors	2.150	2.310	Engineers - Power equipment operators:		
Compressors	2.150	2.370	Concrete pavers	2.150	2.480	Building construction:		
Heavy construction:			Light equipment:			Heavy equipment:		
Heavy equipment:			1 drum hoists	2.150	2.310	Crane and shovel - over 3/4 yd. capacity	2.250	2.420
Cranes (all types), power shovels, and derricks ..	2.525	2.780	Compressors	2.150	2.310	Paving mixer operators ..	2.250	2.420
Medium equipment:			Pumps	2.150	2.310	Sideboom tractor operators	2.250	2.420
Power graders and trench machines	2.275	2.500	Heavy construction:			Medium equipment:		
Rollers	2.150	2.370	Heavy equipment:			Single-drum hoist operators	2.100	2.225
Light equipment:			Shovel type - under 3 yards	2.300	2.360	Compressor operators - over 110 cubic feet capacity	2.100	2.225
Bulldozers	2.275	2.500	Shovel type - 3 yards and over	2.300	2.480	Scoops and bulldozer operators	2.100	2.225
Pumps, over 4-inch	2.150	2.370	Euclid loaders	2.150	2.360	Light equipment:		
Compressors	2.150	2.370	Pull type	2.150	2.200	Compressor - under 110 cubic feet capacity ...	1.700	1.760
Glaziers	2.200	2.280	Medium equipment:			Welding machine operators	1.700	1.760
Lathers	2.425	2.670	Tractors	2.150	2.310	Glaziers	1.900	1.980
Machinists	2.250	2.525	Light equipment:			Lathers	2.250	2.420
Marble setters	2.500	2.620	Compressors	2.150	2.200	Machinists	2.500	2.500
Mosaic and terrazzo workers ..	2.500	2.620	Pumps	2.150	2.200	Marble setters	2.120	2.500
Painters	2.150	2.370	Core or diamond drills ..	2.150	2.200	Mosaic and terrazzo workers ..	2.120	2.500
Swing and scaffold	2.250	2.480	Glaziers	2.100	2.200	Painters	1.900	2.035
Spray	2.525	2.780	Inside men	1.820	1.920	Spray	2.150	2.285
Structural steel, iron and bridge	2.400	2.640	Granite cutters	1.825	1.938	Paperhangers	1.900	2.035
Paperhangers	2.400	2.640	Machinemen (inside)	1.731	2.125	Plasterers	2.500	2.625
Plasterers	2.425	2.670	Machinemen (outside)	1.763	2.188	Plumbers	2.500	2.613
Plumbers	2.450	2.620	Lathers	3.000	3.000	Refrigeration fitters	2.500	2.613
Rodmen and reinforcers	2.275	2.500	Machinists	2.150	2.350	Rodmen	2.250	2.475
Roofers, composition	2.075	2.280	Marble setters	2.600	2.600	Roofers, composition	1.725	1.785
Roofers, slate and tile	2.275	2.500	Mosaic and terrazzo workers ..	2.600	2.600	Roofers, slate and tile	1.725	1.785
Sheet-metal workers	2.275	2.500	Painters	2.125	2.340	Sheet-metal workers	2.250	2.325
Sign painters	2.400	2.530	Spray	2.375	2.590	Sign painters	1.900	2.035
Steam fitters	2.450	2.620	Paperhangers	2.125	2.340	Steam fitters	2.500	2.613
Stonemasons	2.750	2.890	Plasterers	3.000	3.000	Stonemasons	2.875	3.163
Structural-iron workers	2.425	2.670	Plumbers	2.400	2.650	Structural-iron workers	2.250	2.475
Tile layers	2.500	2.620	Rodmen	2.200	2.300	Tile layers	2.120	2.500
Helpers and laborers			Roofers:			Helpers and laborers		
Bricklayers' tenders and hod carriers	1.775	1.950	Composition	2.250	2.350	Bricklayers' tenders	1.600	1.650
Building laborers	1.525	1.680	Slate and tile	2.250	2.350	Mortar mixers	1.700	1.750
Elevator constructors' helpers ..	1.750	1.785	Sheet-metal workers	2.250	2.325	Building laborers	1.600	1.650
Marble setters' helpers	1.700	1.740	Sign painters	2.400	2.530	Elevator constructors' helpers ..	1.710	1.760
Painters' helpers, sign and pictorial	(1/)	2.080	Steam fitters	2.400	2.650	Marble setters' helpers	1.600	1.650
Plasterers' laborers	1.775	1.950	Stonemasons	2.000	2.500	Plasterers' laborers	1.725	1.775
Plumbers' laborers	1.525	1.680	Structural-iron workers:			Terrazzo workers' helpers	1.600	1.650
Terrazzo workers' helpers	1.700	1.740	Erectors	2.200	2.300	Tile layers' helpers	1.600	1.650
Base grinders	2.200	2.230	Tile layers	2.600	2.600	DETROIT, MICH.		
Tile layers' helpers	1.700	1.740	Helpers and laborers			Journeyman		
DENVER, COLO.			Bricklayers' tenders	1.800	5/1.925	Asbestos workers	2.625	2.700
Journeyman			Building laborers	1.450	5/1.575	Home insulators	2.150	2.250
Asbestos workers	2.375	2.475	Elevator constructors' helpers ..	1.740	1.860	Boilermakers	2.575	2.675
Boilermakers	2.350	2.500	Marble setters' helpers	1.665	1.735	Bricklayers	2.750	2.850
Bricklayers	3.000	3.000	Plasterers' laborers	1.800	1.925	Carpenters	2.500	2.600
Sewer work	3.250	3.250	Plumbers' laborers:			Cement finishers	2.300	2.400
Carpenters	2.350	2.350	Drain layers	1.700	1.850	Electricians (inside wiremen) ..	2.750	2.850
Cement finishers	2.320	2.475	Pipe layers, over 6 inches ..	1.950	2.100	Elevator constructors	2.715	2.810
Composition floor layers	2.570	2.600	Terrazzo workers' helpers	1.665	1.735			
Electricians (inside wiremen) ..	2.500	2.650	Tile layers' helpers	1.665	1.735			
Elevator constructors	2.490	2.650	DES MOINES, IOWA					
			Journeyman					
			Asbestos workers	2.250	2.350			
			Bricklayers	2.875	3.163			

1/ Information not available for rate and hours on July 1, 1950.
 5/ 37 1/2-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
DETROIT, MICH. - Continued			DETROIT, MICH. - Continued			DULUTH, MINN. - Continued		
<u>Journeyman - Continued</u>			<u>Helpers and laborers - Continued</u>			<u>Helpers and laborers - Continued</u>		
Engineers - Power equipment operators:			Terrazzo workers' helpers	\$2.050	\$2.150	Composition roofers' helpers ..	\$1.650	\$1.800
Building construction:			Base-machine operators and dry grinders	2.400	2.500	Elevator constructors' helpers ..	1.560	1.710
Heavy equipment:			Tile layers' helpers	2.000	2.100	Plasterers' laborers	1.950	2.100
Cranes on steel	\$2.700	\$2.800				Plumbers' laborers	1.500	1.625
Pile driver (not on steel)	2.500	2.600	DULUTH, MINN.			EL PASO, TEX.		
Shovel combinations	2.500	2.600	<u>Journeyman</u>			<u>Journeyman</u>		
Medium equipment:			Asbestos workers	2.100	2.250	Asbestos workers	2.250	2.500
Bulldozer	2.500	2.600	Boilermakers	2.350	2.500	Bricklayers	2.500	2.750
Derricks (on steel)	2.700	2.800	Bricklayers	2.400	2.600	Carpenters	2.000	2.250
Derricks (not on steel) ..	2.500	2.600	Carpenters	1.925	2.125	Millwrights	(1/)	2.500
Light equipment:			Millwrights	1.925	2.125	Cement finishers	2.000	2.250
Compressors (on steel) ..	2.700	2.800	Pile drivers	1.925	2.125	Electricians (inside wiremen) ..	2.250	2.500
Compressors (not on steel) ..	2.250	2.350	Floor sanders (machine)	1.925	2.125	Elevator constructors	2.250	2.470
Hoist (on steel)	2.700	2.800	Cement masons	1.850	2.000	Engineers - Power equipment operators:		
Hoist (not on steel)	2.500	2.600	Electricians (inside wiremen) ..	2.250	2.300	Air compressors	2.000	2.200
Heavy construction:			Elevator constructors	2.235	2.440	Bulldozers	2.000	2.200
Heavy equipment:			Engineers - Power equipment operators:			Cranes and draglines:		
Cranes (on steel)	2.700	2.800	Building construction:			Under 3 yards	2.150	2.350
Pile drivers (not on steel) ..	2.500	2.600	Heavy equipment:			3 yards and over	2.350	2.550
Shovel combinations	2.500	2.600	Derricks	2.270	2.500	Derricks	2.150	2.350
Medium equipment:			Cranes, shovels	2.270	2.500	Graders, elevating	2.000	2.200
Bulldozers	2.500	2.600	Pumpcretes	2.170	2.390	Hoists:		
Trenchers	2.500	2.600	Medium equipment:			1 drum	2.000	2.200
Light equipment:			Hoists	2.070	2.280	2 drums	2.100	2.350
Hoists (on steel)	2.700	2.800	Concrete mixers	2.070	2.280	Locomotive	2.000	2.200
Hoists (not on steel)	2.500	2.600	Mechanics, welders	2.070	2.280	Mixers:		
Compressors (on steel) ..	2.700	2.800	Light equipment:			Under 1 yard	2.000	2.200
Compressors (not on steel) ..	2.250	2.350	Compressors	1.770	1.950	1 yard and over	2.100	2.350
Pumps	2.500	2.600	Firemen	1.620	1.780	Pile drivers	(1/)	2.350
Glaziers	2.150	2.200	Oilers	1.520	1.670	Pumps	2.000	2.200
Lathers	2.750	2.890	Heavy construction:			Rollers	2.000	2.200
Marble setters	2.650	2.750	Heavy equipment:			Scrapers	2.000	2.200
Mosaic and terrazzo workers ..	2.525	2.625	Shovels, cranes	2.270	2.450	Shovels:		
Painters	2.250	2.350	Dredges	2.270	2.450	Under 3 yards	2.150	2.350
Spray and swing stage	2.500	2.600	Derricks	2.270	2.450	3 yards and over	2.350	2.550
Paperhangers	2.250	2.350	Medium equipment:			Tractors:		
Plasterers:			Mechanics, welders	2.070	2.220	35 horsepower and under and without power attachments	1.500	1.650
Commercial	2.750	2.890	Bulldozers, scrapers	2.070	2.220	Over 35 horsepower and with power attachments ..	2.000	2.200
Residential	2.750	3.000	Graders, motor patrols ..	2.070	2.220	Trenching machines	2.000	2.200
Plumbers	2.625	2.700	Light equipment:			Glaziers	1.750	1.750
Rodmen, reinforced steel workers	2.375	2.475	Pumps, compressors	1.770	1.900	Lathers	2.500	2.750
Roofers, composition and pre-cast tile	2.525	2.640	Loaders, Barber Green operators	1.870	2.000	Marble setters	2.500	2.750
Roofers, slate and tile	2.875	2.990	Finishing machines	1.770	1.900	Mosaic and terrazzo workers ..	2.500	2.750
Sheet-metal workers:			Glaziers	1.800	1.900	Painters	1.750	1.925
Agreement A	2.525	2.625	Lathers	2.250	2.400	Spray	2.500	2.750
Agreement B	2.400	2.500	Machinists	(1/)	2.250	Structural steel after erection	2.125	2.340
Sign painters	2.375	2.475	Marble setters	2.000	2.200	Swing stage	2.125	2.340
Steam fitters	2.625	2.700	Painters	1.800	1.900	Paperhangers	1.750	1.925
Sprinkler fitters	2.500	2.700	Structural steel, swing stage, spray	2.000	2.100	Plasterers	2.250	2.750
Stonemasons	2.750	2.850	Paperhangers	1.800	1.900	Plumbers	2.250	2.500
Structural-iron workers	2.700	2.900	Plasterers	2.350	2.575	Rodmen	2.000	2.200
Riggers	2.250	2.500	Plumbers	2.125	2.250	Sheet-metal workers	2.500	2.625
Tile layers	2.525	2.625	Rodmen	2.000	2.225	Sign painters	2.000	2.000
<u>Helpers and laborers</u>			Roofers, composition:			Steam fitters	2.250	2.500
Bricklayers' tenders	1.800	1.900	Second roofer	1.800	1.950	Stonemasons	2.500	2.750
Mortar mixers:			Head roofer	2.000	2.150	Structural - and ornamental iron workers	2.250	2.450
Agreement A	1.880	1.950	Sheet-metal workers	2.100	2.250	Tile layers	2.500	2.750
Agreement B	1.880	1.980	Sign painters	2.025	2.100	<u>Helpers and laborers</u>		
Building laborers:			Steam fitters	2.125	2.250	Bricklayers' tenders	1.350	1.600
Agreement A	1.800	1.870	Stonemasons	2.400	2.600	Building laborers .....	.950	1.150
Agreement B	1.800	1.900	Structural-iron workers	2.250	2.475	Elevator constructors' helpers ..	1.575	1.730
Elevator constructors' helpers ..	1.900	1.970	Finishers	2.250	2.475	Plasterers' laborers	1.350	1.600
Marble setters' helpers	2.025	2.125	Tile layers	2.000	2.200	Plumbers' laborers .....	.950	1.200
Marble polishers and rubbers ..	2.125	2.225	<u>Helpers and laborers</u>					
Plasterers' laborers	2.225	2.325	Bricklayers' tenders	1.500	1.625			
			Building laborers	1.400	1.525			
			Semi-skilled helpers	1.500	1.625			

1/ Information not available for rate and hours on July 1, 1950.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
ERIE, PA.			GRAND RAPIDS, MICH. - Continued			HOUSTON, TEX. - Continued		
<u>Journeyman</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Bricklayers	\$2.500	\$2.750	Engineers - Power equipment operators:			Electricians (inside wiremen)	\$2.500	\$2.750
Carpenters	2.125	2.340	Building construction:			Elevator constructors	2.500	2.650
Cement finishers	2.075	2.280	Heavy equipment:			Engineers - Power equipment operators:		
Electricians (inside wiremen) ..	2.250	2.475	Cranes on steel	\$2.600	\$2.700	Air compressors	1.875	2.150
Elevator constructors	2.325	2.400	Shovel combinations	2.450	2.500	Bulldozers	2.250	2.525
Engineers - Power equipment operators:			Pile drivers	2.450	2.500	Cranes, derricks, and draglines	2.250	2.525
Building construction:			Medium equipment:			Graders, blade and elevating:		
Heavy equipment:			Bulldozers	2.350	2.400	Towed	1.875	2.150
Cranes and shovels	2.600	2.700	Derricks (on steel)	2.600	2.700	Self-propelled	2.250	2.525
Carry-all scoops	2.600	2.500	Derricks (not on steel) ..	2.450	2.500	Hoists:		
Medium equipment:			Light equipment:			1 drum	1.875	2.150
Bulldozers	2.500	2.400	Compressors (on steel) ..	2.600	2.700	2 drums or more	2.250	2.525
Compressors and hoists ..	2.350	2.250	Compressors (not on steel) ..	2.100	2.150	Locomotives	2.250	2.525
Light equipment:			Hoists (on steel)	2.600	2.700	Mixers:		
Rollers	2.350	2.250	Hoists (not on steel) ..	2.350	2.400	Less than 14 cubic feet ..	1.875	2.150
Pumps and welders	2.350	2.250	Heavy construction:			14 cubic feet or over	2.250	2.525
Heavy construction:			Heavy equipment:			Pumps, larger than 2 inches	1.875	2.150
Heavy equipment:			Cranes (on steel)	2.600	2.700	Scrapers:		
Shovels, cranes, and ditchers	2.550	2.650	Shovel combinations	2.450	2.500	3 cubic yards or less	1.875	2.150
Medium equipment:			Pile drivers	2.450	2.500	Over 3 cubic yards	2.250	2.525
Graders, bulldozers, and scoops (carry-all)	2.370	2.470	Medium equipment:			Tractors	2.250	2.525
Light equipment:			Bulldozers and trenchers	2.350	2.400	Trenching machines, all sizes	2.250	2.525
Compressors, pumps, and rollers	2.120	2.220	Light equipment:			Glaziers	2.000	2.275
Glaziers	1.750	1.750	Hoists	2.350	2.400	Lathers	2.750	3.000
Lathers	2.625	2.750	Compressors (on steel) ..	2.600	2.700	Machinists	2.375	2.500
Marble setters	2.350	2.500	Compressors (not on steel) ..	2.100	2.150	Marble setters	2.375	2.500
Mosaic and terrazzo workers ..	2.350	2.500	Pumps	2.350	2.400	Mosaic and terrazzo workers ..	2.375	2.500
Painters	1.900	2.035	Glaziers	1.875	2.000	Painters	2.000	2.275
Swing	2.000	2.145	Lathers	2.250	2.475	Steel spray on stage	2.500	2.650
Spray	2.250	2.420	Machinists	2.500	2.750	Steel brush swing stage	2.250	2.400
Structural iron	2.100	2.255	Marble setters	2.000	2.000	Steel spray	2.375	2.650
Paperhangers	1.900	2.035	Mosaic and terrazzo workers ..	2.000	2.000	Paperhangers	2.000	2.275
Plasterers	2.250	2.475	Painters	1.800	1.870	Plasterers	2.750	3.000
Plumbers	2.250	2.475	Spray and swing stage	2.050	2.120	Plumbers	2.375	2.613
Rodmen	2.500	2.610	Paperhangers	2.050	2.120	Rodmen	2.125	2.400
Roofers, composition	1.850	1.950	Plasterers	2.250	2.650	Roofers, composition	2.000	2.125
Roofers, slate and tile	1.850	1.950	Plumbers	2.300	2.530	Roofers, slate and tile	2.500	2.625
Sheet-metal workers	2.125	2.200	Rodmen	2.325	2.420	Sheet-metal workers	2.500	2.500
Steam fitters	2.250	2.475	Roofers, composition	1.700	1.950	Sign painters	2.375	2.500
Stonemasons	2.500	2.750	Roofers, slate and tile	1.950	2.200	Steam fitters	2.375	2.613
Structural-iron workers	2.500	2.610	Sheet-metal workers	2.000	2.250	Sprinkler fitters	(1/)	2.300
Tile layers	2.350	2.500	Sign painters	2.000	2.000	Stonemasons	2.750	2.875
<u>Helpers and laborers</u>			Steam fitters	2.300	2.530	Structural-iron workers	2.250	2.525
Bricklayers' tenders	1.700	1.825	Stone masons	2.000	2.000	Tile layers	2.375	2.500
Using hod	1.700	1.825	Structural-iron workers	2.600	2.720	<u>Helpers and laborers</u>		
Using wheelbarrow	1.600	1.725	Machine removers and riggers	2.375	2.475	Bricklayers' tenders	1.400	1.525
Building laborers	1.500	1.625	Tile layers	2.000	2.000	Building laborers	1.200	1.325
Elevator constructors' helpers.	1.630	1.680	<u>Helpers and laborers</u>			Elevator constructors' helpers	1.750	1.855
Marble setters' helpers	1.650	1.775	Bricklayers' tenders	1.475	1.600	Marble setters' helpers	1.375	1.650
Plasterers' laborers	1.750	1.825	Mortar mixer	1.525	1.675	Plasterers' laborers	1.500	1.625
Plumbers' laborers	1.600	1.725	Building laborers	1.475	1.600	Tile layers' helpers	1.375	1.650
Terrazzo workers' helpers	1.650	1.775	Elevator constructors' helpers	1.700	1.770	INDIANAPOLIS, IND.		
Grinders and polishers	1.800	1.925	Marble setters' helpers	1.725	1.825	<u>Journeyman</u>		
Tile layers' helpers	1.650	1.775	Plasterers' helpers	1.600	1.725	Asbestos workers	2.500	2.640
GRAND RAPIDS, MICH.			Terrazzo workers' helpers	1.725	1.825	Boilermakers	2.500	2.585
<u>Journeyman</u>			Base-machine operators	1.925	2.025	Bricklayers	2.750	2.750
Asbestos workers	2.250	2.500	Tile layers' helpers	1.725	1.825	Carpenters	2.300	2.530
Bricklayers	2.625	2.750	HOUSTON, TEX.			Cement finishers	2.075	2.275
Carpenters	2.125	2.250	<u>Journeyman</u>			Electricians (inside wiremen)	2.450	2.625
Floor layers	2.125	2.250	Asbestos workers	2.375	2.613	Elevator constructors	2.465	2.700
Millwrights	2.125	2.250	Boilermakers	2.250	2.375	Engineers - Power equipment operators:		
Cement finishers	2.125	2.250	Bricklayers	2.750	2.875	Building construction:		
Electricians (inside wiremen) ..	2.400	2.550	Carpenters, wharf and bridge, and pile drivers	2.125	2.400	Heavy equipment:		
Elevator constructors	2.430	2.530	Floor layers, parquetry	2.125	2.400	Cranes	2.400	2.630
			Millwrights	2.250	2.525	Derricks - bull wheels ..	2.650	2.880
			Cement finishers	2.125	2.250	Hoists	2.300	2.530

1/ Information not available for rate and hours on July 1, 1950.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
INDIANAPOLIS, IND. - Continued			JACKSON, MISS. - Continued			JACKSONVILLE, FLA. - Continued		
Journeyman - Continued			Journeyman - Continued			Journeyman - Continued		
Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators:			Engineers - Power equipment operators: - Continued		
Building construction: - Continued			Air compressors	\$1.650	\$1.650	Shovels	\$1.800	\$2.000
Medium equipment:			Bulldozers	1.900	2.000	Tractors	1.475	1.625
Concrete mixers (21 cubic feet)	\$2.250	\$2.480	Cranes, derricks, draglines, pile drivers	2.025	2.250	Trenching machines	1.625	1.800
Concrete pumps	2.300	2.530	Graders, motor	1.900	2.000	Glaziers	1.750	1.950
Tractor shovels	2.300	2.530	Graders, form	1.650	1.650	Lathers	2.250	2.375
Light equipment:			Hoists	1.900	2.000	Machinists	2.000	2.250
Air compressors	1.650	1.880	Locomotive	1.900	2.250	Marble setters	2.300	2.650
Pumps - water	1.650	1.880	Mixers	1.900	2.000	Mosaic and terrazzo workers ..	2.000	2.250
Welding machines	1.650	1.880	Pumps	1.650	1.650	Painters	1.625	1.890
Heavy construction:			Rollers, scrapers	1.900	2.000	Structural steel erected ...	(1/)	1.925
Heavy equipment:			Shovels	2.025	2.250	Spray	(1/)	2.050
Auto patrols	2.300	2.530	Tournapulls, carryalls	2.025	2.250	Paperhangers	1.875	2.000
Cranes	2.400	2.630	Tractors:			Plasterers	2.250	2.375
Scissors	2.300	2.530	Without power take-off ...	1.650	1.650	Plumbers	2.500	2.500
Medium equipment:			With power take-off ...	1.900	2.000	Rodmen	1.750	1.890
Bulldozers, rollers and trenching machines	2.300	2.530	Trenching machines, large ...	2.025	2.250	Roofers, composition	1.650	1.890
Light equipment:			Other trenching machines ..	1.900	2.250	Roofers, slate and tile	1.650	1.890
Compressors and pumps ...	1.650	1.880	Glaziers	1.375	1.375	Sheet-metal workers	1.800	2.100
Tractors	2.300	2.530	Lathers	2.000	2.125	Sign painters	2.000	2.000
Glaziers	2.250	2.250	Marble setters	2.500	2.750	Steam fitters	2.500	2.500
Lathers (wood, wire and metal)	2.375	2.610	Mosaic and terrazzo workers ..	1.750	2.000	Stonemasons	2.300	2.650
Machine mowers and riggers ...	2.450	2.695	Painters	2.000	2.375	Structural- and ornamental-iron workers	2.000	2.260
Machinists	2.000	2.000	Spray	1.875	2.125	Tile layers	2.000	2.250
Marble setters	2.500	2.500	Structural steel	2.000	2.250			
Mosaic and terrazzo workers ...	2.500	2.500	Swing stage	2.000	2.250	Helpers and laborers		
Painters	2.125	2.325	Paperhangers	1.750	2.000	Bricklayers' tenders .....	.850	1.000
Spray	2.375	2.575	Plasterers	2.150	2.400	Building laborers .....	.800	.900
Paperhangers	2.125	2.325	Plumbers	2.250	2.250	Composition roofers' helpers ..	.800	.900
Plasterers	2.500	2.665	Rodmen	1.900	2.150	Elevator constructors' helpers ..	1.600	1.715
Plumbers	2.500	2.665	Roofers, composition	1.500	1.750	Plasterers' laborers .....	.850	1.000
Rodmen	2.450	2.695	Roofers, slate and tile	1.500	2.000	Mortar mixers .....	.900	1.100
Roofers, composition	1.900	2.000	Sheet-metal workers	1.800	2.000	Plumbers' laborers .....	.850	1.000
Roofers, slate and tile	2.150	2.250	Sign painters	1.750	2.000	Tile layers' helpers .....	.850	1.000
Sheet-metal workers	2.350	2.500	Steam fitters	2.250	2.250			
Sign painters	2.030	2.030	Stonemasons	2.500	2.750			
Steam fitters	2.500	2.665	Structural- and ornamental-iron workers	2.150	2.400			
Stonecutters	1.935	1.935	Tile layers	2.500	2.750			
Carvers	2.105	2.105						
Planemen	1.685	1.685	Helpers and laborers					
Stonemasons	2.750	2.750	Bricklayers' tenders	1.000	1.100	Asbestos workers	2.475	2.610
Structural-iron workers	2.450	2.695	Hod carriers	1.000	1.100	Boilermakers	2.350	2.500
Tile layers	2.500	2.500	Mortar mixers	(1/)	1.100	Bricklayers	2.650	2.675
			Building laborers .....	.900	.990	Carpenters, millwrights, wharf and bridge, pile drivers ...	2.200	2.365
						Cement finishers	2.200	2.365
						Composition	2.325	2.490
						Electricians (inside wiremen) ..	2.425	2.550
						Engineers - Power equipment operators:		
						Building construction:		
						Heavy equipment:		
						Cranes	2.425	2.610
						Hoists (2 drums or more) ..	2.425	2.610
						Shovels, power	2.425	2.610
						Medium equipment:		
						Concrete mixers	2.200	2.365
						Hoists (single drum) ...	2.200	2.365
						Shovels, tractors, hi-lift front end	2.200	2.365
						Light equipment:		
						Firemen	1.825	1.925
						Oilers and greasers	1.700	1.815
						Tractors, less than 50 horsepower	1.700	1.815
						Heavy construction:		
						Heavy equipment:		
						Draglines and shovels ..	2.450	2.610
						Dredges, steam, gas, electric, Diesel	2.450	2.610
						Pile drivers, land and float	2.450	2.610

1/ Information not available for rate and hours on July 1, 1950.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
KANSAS CITY, MO. - Continued			KNOXVILLE, TENN. - Continued			LITTLE ROCK, ARK. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued			Plasterers	\$2.500	\$2.750
Heavy construction: - Continued			Pumps:			Plumbers	2.310	2.310
Medium equipment:			1 pump	\$1.250	\$1.500	Rodmen	1.875	2.060
Ditching machines	\$2.225	\$2.365	2 not more than 3	1.550	1.800	Sheet-metal workers	1.750	2.000
Patrol blades	2.225	2.365	Rollers	1.550	1.800	Sign painters	1.750	2.000
Tractors, over 50 horsepower	2.225	2.365	Scrapers, pans, scoops, or carryalls (all types)	1.750	2.000	Steam fitters	2.310	2.310
Light equipment:			Shovels	1.950	2.200	Stonemasons	3.000	3.250
Firemen	1.850	1.925	Tournapulls (machines over 20 yards)	1.950	2.200	Structural- and ornamental-iron workers	2.125	2.340
Oilers and greasers	1.725	1.815	Tractors	1.550	1.800	Tile layers	2.500	2.500
Tractors, less than 50 horsepower	1.725	1.815	Trenching machines	1.750	2.000			
Glaziers	2.320	2.475	Glaziers	1.750	1.950	<u>Helpers and laborers</u>		
Lathers	2.500	2.695	Marble setters	2.500	2.750	Bricklayers' tenders	1.250	1.250
Machinists, construction	2.250	2.400	Painters	1.750	1.950	Hod carriers	(1/)	1.350
Marble setters	2.500	2.585	Spray (on wood) structural steel, swing stage	2.000	2.200	Mortar mixers	(1/)	1.250
Mosaic and terrazzo workers	2.500	2.585	Spray on steel	2.250	2.450	Building laborers .....	.875	.875
Painters	2.100	2.255	Paperhangers	1.750	1.950	Elevator constructors' helpers	1.645	1.710
Paperhangers	2.100	2.255	Plasterers	2.250	2.500	Marble setters' helpers	(1/)	1.250
Plasterers	2.800	3.025	Plumbers	2.250	2.500	Plumbers' laborers .....	.875	.875
Plumbers	2.500	2.625	Roofers, composition	1.600	1.700	Terrazzo workers' helpers	(1/)	1.250
Rodmen, reinforcers	2.225	2.390	Roofers, slate and tile	1.600	1.700	Tile layers' helpers	(1/)	1.000
Roofers, composition	2.050	2.200	Sheet-metal workers	2.000	2.250			
Roofers, slate and tile	2.050	2.200	Sign painters	2.000	2.200	LOS ANGELES, CALIF.		
Sheet-metal workers (commercial and residential)	2.500	2.665	Steam fitters	2.250	2.500	<u>Journeyman</u>		
Sign painters	2.500	2.750	Tile layers	2.500	2.750	Asbestos workers	2.500	2.750
Steam fitters	2.500	2.625				Home insulators	2.000	2.350
Sprinkler fitters	2.500	2.625	<u>Helpers and laborers</u>			Boilermakers	2.430	2.530
Stonemasons	2.400	2.585	Building laborers .....	.950	1.150	Bricklayers	2.750	2.750
Structural-iron workers	2.350	2.530	Elevator constructors' helpers	1.550	1.630	Carpenters	2.120	2.350
Finishers and ornamental	2.350	2.530	Plasterers' laborers	1.000	1.150	Millwrights	2.320	2.550
Tile layers	2.500	2.585	Mortar mixers	(1/)	1.200	Parquetry floor layers	2.320	2.550
						Wharf and bridge	2.250	2.480
<u>Helpers and laborers</u>			LITTLE ROCK, ARK.			Shinglers	2.250	2.480
Bricklayers' tenders	1.800	1.925	<u>Journeyman</u>			Cement finishers	2.200	2.380
Building laborers	1.625	1.730	Asbestos workers	2.375	2.500	Composition and mastic	2.325	2.505
Marble setters' helpers	1.675	1.785	Bricklayers	3.000	3.250	Electricians (inside wiremen) and fixtures hangers	2.500	2.750
Plasterers' laborers	1.800	1.925	Carpenters, floor layers	1.750	2.000	Elevator constructors	2.500	2.725
Plumbers' laborers	1.625	1.785	Millwrights, wharf and bridge, and pile drivers	2.000	2.250	Engineers - Power equipment operators:		
Terrazzo workers' helpers	1.700	1.815	Cement finishers	2.000	2.500	Building construction:		
Tile layers' helpers	1.675	1.785	Electricians (inside wiremen). Elevator constructors	2.125	2.250	Heavy equipment:		
			Elevators	2.350	2.440	Universal equipment		
KNOXVILLE, TENN.			Engineers - Power equipment operators:			(shovels, draglines, derricks, derrick-barges, clamshells, or cranes	2.400	2.500
<u>Journeyman</u>			Air compressors	1.750	1.875	Pile drivers	2.400	2.500
Boilermakers	2.350	2.475	Bulldozers	2.000	2.125	Tractors (bulldozers, tampers, scrapers or drag type shovels or boom attachments)	2.200	2.300
Bricklayers	2.500	2.750	Cranes, derricks, and draglines	2.250	2.375	Medium equipment:		
Carpenters	1.900	2.150	Graders, elevating	2.000	2.125	A-Frame-Boom trucks	2.400	2.500
Millwrights	2.000	2.250	Graders, blade	1.750	1.875	Elevator-hoists	1.988	2.098
Pile drivers	(1/)	2.150	Hoists:			Motor patrols, including any type of power blade	2.330	2.430
Cement finishers	1.850	2.100	1 drum	1.750	1.875	Light equipment:		
Electricians (inside wiremen). Elevator constructors	2.400	2.475	2 or more drums	2.000	2.125	Air compressors	1.960	2.060
Engineers - Power equipment operators:	2.210	2.335	Locomotives	2.000	2.125	Concrete mixers (skip type)	2.080	2.180
Air compressors:			Mixers:			Heavy construction:		
1 portable	1.250	1.500	Less than 10S	1.750	1.875	Heavy equipment:		
2 not more than 3 portable	1.550	1.800	10S or larger	2.000	2.125	Universal equipment		
Bulldozers	1.750	2.000	Pumps	1.750	1.875	(shovels, draglines, derrick-barges, clamshells, or cranes)	2.400	2.500
Cranes, derricks, and draglines	1.950	2.200	Rollers	2.000	2.125	Tractors (bulldozers, tampers, scrapers, or drag type shovels, or boom attachments)	2.200	2.300
Graders	1.750	2.000	Shovels	2.250	2.375			
Hoists:			Trenching machines	2.000	2.125			
1 drum	1.550	1.800	Glaziers	1.750	1.750			
2 drums	1.750	2.000	Marble setters	2.500	2.500			
Locomotives:			Mosaic and terrazzo workers	2.500	2.500			
Under 20 tons	1.550	1.800	Painters	1.750	2.000			
20 tons and over	1.750	2.000	Spray	2.500	2.500			
Mixers (over 2 bags - not to include central plants)	1.550	1.800	Structural steel and swing stage	2.000	2.000			
			Paperhangers	1.875	1.875			

1/ Information not available for rate and hours on July 1, 1950.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
LOS ANGELES, CALIF. - Continued			LOUISVILLE, KY - Continued			MANCHESTER, N. H. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued		
Heavy construction: - Continued			Building construction: - Continued			Building construction: - Continued		
Medium equipment:			Light equipment:			Medium equipment:		
Motor patrols, including any type of power blade	\$2.330	\$2.430	Firemen	\$2.000	\$2.100	Scrapers, tounapulls ..	\$1.875	\$2.050
Concrete mixers (paving type and mobile mixers)	2.280	2.400	Oilers	1.750	1.850	Bulldozers	1.825	2.000
Light equipment:			Pumps	1.750	1.850	Light equipment:		
Air compressors	1.960	2.060	Heavy construction:			One- and two-drum hoists, pumps, boilers or compressors	1.825	2.000
Skip loaders (wheel type)	2.080	2.180	Heavy equipment:			Heavy construction:		
Glaziers	2.160	2.160	Bulldozers, cranes, and scoops	2.200	2.300	Heavy equipment:		
Granite cutters	1.875	2.000	Medium equipment:			Cranes, 3-drum hoists and over, power shovels, trenching machines, pile drivers ..	2.275	2.500
Lathers	3.125	3.125	Compressors	2.000	2.100	Medium equipment:		
Machinists	2.450	2.500	Derricks and tractors ..	2.200	2.300	Scrapers and tounapulls	1.875	2.050
Marble setters	2.500	2.500	Light equipment:			Bulldozers	1.825	2.000
Mosaic and terrazzo workers ..	2.400	2.600	Firemen	2.000	2.100	Light equipment:		
Painters	2.220	3/2.380	Oilers	1.750	1.850	1- and 2-drum hoists, pumps, boilers or compressors	1.825	2.000
Spray	2.470	3/2.630	Pumps	1.750	1.850	Painters	1.600	1.600
Swing stage, brush	2.350	3/2.500	Glaziers	2.000	2.150	Paperhangers	1.600	1.600
Swing stage, spray	2.590	3/2.750	Lathers	2.350	2.475	Plasterers	2.500	2.775
Paperhangers	2.350	3/2.500	Machinists	2.350	2.500	Plumbers	2.125	2.300
Plasterers	3.125	3.125	Marble setters	2.250	2.500	Rodmen	2.500	2.700
Plumbers	2.500	2.750	Mosaic and terrazzo workers ..	2.250	2.500	Steam fitters	2.125	2.300
Rodmen	2.280	2.380	Painters	2.010	2.050	Structural-iron workers	2.500	2.700
Roofers, composition	2.250	2.500	Structural steel	2.510	2.550			
Roofers, slate and tile	2.250	2.500	Spray	3.015	3.075	<u>Helpers and laborers</u>		
Sheet-metal workers	2.250	2.400	Stage	2.135	2.175	Bricklayers' tenders	1.550	1.600
Sign painters:			Paperhangers	1.750	1.750	Building laborers	1.350	1.400
Advertising	3/2.310	3/2.480	Plasterers	2.500	2.750	Plasterers' laborers	1.550	1.600
Commercial	3/2.400	3/2.640	Plumbers	2.375	2.500			
Steamfitters	2.500	2.750	Rodmen	2.150	2.250	MEMPHIS, TENN.		
Refrigeration fitters	2.100	2.500	Roofers, composition	1.800	1.900	<u>Journeyman</u>		
Sprinkler fitters	2.500	2.750	Roofers, slate and tile	2.150	2.350	Asbestos workers	2.375	2.550
Stonemasons	2.750	3.000	Sheet-metal workers	2.150	2.350	Boilermakers	2.350	2.475
Structural-iron workers	2.380	2.500	Sign painters	2.050	2.200	Bricklayers	2.500	3.000
Finishers	2.255	2.400	Steam fitters	2.500	2.500	Carpenters	1.900	2.125
Tile layers	2.500	2.700	Stonecutters	1.935	1.935	Cement finishers	1.900	2.125
<u>Helpers and laborers</u>			Planermen	1.685	1.685	Machine operators	2.025	2.250
Bricklayers' tenders	1.830	2.020	Stonecarvers	2.055	2.055	Electricians (inside wiremen) ..	2.400	2.600
Building laborers	1.570	1.750	Stonemasons	2.650	2.915	Elevator constructors	2.450	2.600
Elevator constructors' helpers	1.750	1.910	Structural-iron workers and ornamental finishers	2.350	2.450	Engineers - Power equipment operators:		
Marble setters' helpers	1.875	1.875	Tile layers	2.250	2.500	Air compressors:		
Plasterers' laborers	2.150	2.875	<u>Helpers and laborers</u>			Portable	1.375	1.500
Terrazzo workers' helpers	1.875	2.075	Bricklayers' tenders	1.700	1.780	Stationary	1.625	1.750
Base-machine operators	2.125	2.325	Building laborers	1.450	1.520	Bulldozers	1.750	2.000
Tile layers' helpers	1.875	2.025	Elevator constructors' helpers	1.715	1.805	Cranes, derricks, draglines, pile drivers	2.000	2.250
LOUISVILLE, KY.			Marble setters' helpers	1.450	1.450	Derricks (no boom)	1.750	1.875
<u>Journeyman</u>			Plasterers' laborers	1.700	1.780	Graders	1.750	2.000
Asbestos workers	2.325	2.480	Plumbers' laborers	1.450	1.520	Hoists:		
Boilermakers	2.350	2.450	Terrazzo workers' helpers	1.450	1.450	1 drum	1.625	1.750
Bricklayers	2.650	2.915	Base grinders	1.700	1.700	2 or more drums	1.875	2.000
Carpenters, millwrights, quarry floor layers, wharf and bridge, and pile drivers	2.150	2.250	Flat grinders	1.550	1.550	Locomotives	1.750	2.000
Cement finishers	2.150	2.250	Tile layers' helpers	1.450	1.450	Mixers:		
On scaffold	2.350	2.450	MANCHESTER, N. H.			11S or smaller	1.375	1.500
Electricians (inside wiremen) and fixture hangers	2.450	2.550	<u>Journeyman</u>			Mobilizers	1.625	1.750
Elevator constructors	2.450	2.580	Boilermakers	2.450	2.600	Larger than 11S	1.750	2.000
Engineers - Power equipment operators:			Bricklayers	2.500	2.775	Pumps:		
Building construction:			Carpenters	2.000	2.000	Under 4-inch discharge ...	1.125	1.250
Heavy equipment:			Cement finishers	2.500	2.775	on excavation	1.250	1.500
Cranes, hoists, and shovels	2.200	2.300	Electricians (inside wiremen) ..	1.900	2.000	4-inch and larger	1.375	1.500
Medium equipment:			Engineers - Power equipment operators:			Rollers	1.750	1.875
Bulldozers	2.200	2.300	Building construction:			Scrapers	1.750	2.000
Compressors	2.000	2.100	Heavy equipment:			Shovels	2.000	2.250
Mixers	2.000	2.100	Cranes, 3-drum hoists and over, power shovels, trenching machines, pile drivers	2.275	2.500	Tounapulls	1.750	2.000

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
MEMPHIS, TENN. - Continued			MIAMI, FLA. - Continued			MILWAUKEE, WIS. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Engineers - Power equipment operators: - Continued			Machinists	\$2.250	\$2.620	Engineers - Power equipment operators: - Continued		
Tractors:			Marble setters	2.500	2.750	Heavy construction: - Continued		
40 horsepower or less	\$1.375	\$1.625	Mosaic and terrazzo workers ..	2.500	2.750	continued		
Over 40 horsepower	1.625	1.750	Painters	2.063	2.270	Medium equipment:		
Trenching machines:			Spray and structural steel ..	2.200	2.450	Tractors or bulldozers		
Under 18 inches	(1/)	2.000	Paperhangers	2.200	2.450	under 40 horsepower ...	\$2.250	\$2.530
Over 18 inches	1.750	2.250	Plasterers	2.500	2.750	Tractors or bulldozers		
Glaziers	1.700	1.750	Plumbers	2.500	2.750	over 40 horsepower	2.400	2.690
Lathers	2.250	2.250	Rodmen	2.350	2.600	Mixers	2.200	2.470
Marble setters	2.250	2.500	Roofers, composition	1.925	2.120	Mixers when pavers are		
Mosaic and terrazzo workers ..	2.250	2.500	Roofers, slate and tile	1.925	2.120	used	2.400	2.690
Painters:			Sheet-metal workers	2.200	2.420	Scrapers	2.400	2.690
Residential	1.875	2.063	Sign painters	2.500	2.750	Light equipment:		
Commercial, spray, structural steel	2.000	2.188	Stonemasons	2.500	2.750	Air compressors	2.000	2.240
Painters, swing stage	2.125	2.188	Structural- and ornamental-iron workers	2.500	2.750	Pumps	1.950	2.190
Paperhangers	1.875	2.063	Tile layers	2.500	2.750	Helpers and oilers	1.950	2.190
Plasterers	2.813	2.813				Glaziers	2.200	2.470
Plumbers	2.400	2.640	<u>Helpers and laborers</u>			Lathers	2.500	2.500
Rodmen	1.875	2.030	Bricklayers' tenders	1.250	1.380	Machinists	2.200	2.400
Roofers, composition	1.650	1.800	Building laborers:			Marble setters	2.350	2.350
Roofers, slate and tile	1.900	2.050	Agreement A	1.000	1.100	Mosaic and terrazzo workers ..	2.400	2.600
Sheet-metal workers	2.125	2.340	Agreement B	1.000	1.000	Painters	2.100	2.200
Sign painters	2.125	2.338	Elevator constructors' helpers	1.750	1.925	Swing stage	2.250	2.350
Steam fitters	2.400	2.650	Plasterers' laborers	1.250	1.380	Spray-nozzle men	2.225	2.325
Sprinkler fitters	(1/)	2.600	Hod carriers	1.250	1.380	Structural iron	2.350	2.450
Stonemasons	2.500	3.000	Mortar mixers	1.000	1.100	Plasterers	2.500	2.500
Structural- and ornamental-iron workers	2.025	2.180				Plumbers	2.450	2.585
Tile layers	2.250	2.500				Rodmen	2.250	2.530
<u>Helpers and laborers</u>			MILWAUKEE, WIS.			Roofers, composition	2.100	2.350
Bricklayers' tenders	1.250	1.350	<u>Journeyman</u>			Roofers, slate and tile	2.250	2.500
Building laborers .....	.900	1.000	Asbestos workers	2.400	2.475	Sheet-metal workers	2.250	2.530
Concrete laborers .....	.900	1.000	Boilermakers	2.300	2.530	Sign painters	2.300	2.338
Elevator constructors' helpers	1.710	1.820	Bricklayers	2.650	2.650	Steam fitters	2.450	2.585
Plasterers' laborers	1.250	1.350	Sewer-tunnel and caissons ..	2.650	2.650	Sprinkler fitters	2.400	2.600
Plumbers' laborers .....	.900	1.000	Carpenters	2.400	2.690	Stonemasons	2.600	2.100
			Wharf and bridge	2.425	2.425	Stonemasons	2.650	2.650
			Millwrights	2.400	2.400	Structural-iron workers	2.350	2.640
			Cement finishers	2.150	2.410	Machine movers and riggers ..	2.350	2.640
			Machine work	2.250	2.530	Tile layers	2.400	2.475
			Mastic, marbelette and composition floors and roofs ..	2.250	2.530			
			Electricians (inside wiremen) ..	2.300	2.450	<u>Helpers and laborers</u>		
			Elevator constructors	2.330	2.470	Bricklayers' tenders	1.850	2.080
			Engineers - Power equipment operators:			Building laborers	1.750	1.960
			Building construction:			Composition roofers' helpers ..	1.400	1.550
			Heavy equipment:			Elevator constructors' helpers	1.630	1.730
			Cranes, shovels, draglines	2.550	2.860	Marble setters' helpers	1.700	1.700
			Trench machines	2.550	2.860	Mosaic and terrazzo workers'		
			Derricks	2.550	2.860	helpers	1.900	1.980
			Medium equipment:			Base-machine operators	2.050	2.145
			Tractors or bulldozers under 40 horsepower ...	2.200	2.470	Plasterers' tenders	1.975	2.000
			Tractors or bulldozers over 40 horsepower	2.400	2.690	Plumbers' helpers:		
			Mixers	2.200	2.470	First man	2.100	2.200
			Mixers when pavers are used	2.400	2.690	Second man	2.000	2.090
			Highlifts	2.400	2.690	Sprinkler fitters' helpers ...	1.625	1.750
			Light equipment:			Tile layers' helpers	1.800	1.800
			Firemen	1.900	2.130			
			Pumps	1.950	2.190	MINNEAPOLIS, MINN.		
			Air compressors	2.000	2.240	<u>Journeyman</u>		
			Heavy construction:			Asbestos workers	2.320	2.550
			Heavy equipment:			Boilermakers	2.350	2.500
			Shovels, cranes, draglines	2.550	2.860	Bricklayers	2.400	2.650
			Trench machines	2.550	2.860	Carpenters, millwrights, pile drivers	2.120	2.330
			Hoes	2.550	2.860	Cement finishers	2.450	2.450
						Composition floor	2.700	2.700
						Electricians (inside wiremen) ..	2.350	2.585
						Elevator constructors	2.340	2.420

1/ Information not available for rate and hours on July 1, 1950.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
MINNEAPOLIS, MINN. - Continued			MOBILE, ALA. - Continued			NEWARK, N.J.		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>			<u>Journeyman</u>		
Engineers - Power equipment operators:			Bricklayers	\$2.550	\$2.800	Asbestos workers	\$2.875	\$2.875
Building construction:			Carpenters	1.960	2.160	Home insulators	2.650	2.875
Heavy equipment:			Millwrights	2.210	2.430	Boilermakers	3.000	3.250
Cranes, shovels	\$2.270	\$2.500	File drivers:			Bricklayers	3/3.250	3/3.400
Derricks	2.270	2.500	Untreated materials	2.085	2.225	Carpenters	3/3.000	3/3.250
Pumpcretes	2.170	2.390	Treated materials	2.210	2.350	Wharf and bridge	3.000	3.000
Medium equipment:			Cement finishers	1.960	2.160	Millwrights	3/3.000	3/3.250
Hoists	2.070	2.280	Electricians (inside wiremen)	2.300	2.500	Cement finishers	3/3.250	3/3.400
Mixers, concrete	2.070	2.280	Elevator constructors	2.265	2.450	Electricians (inside wiremen)	3.000	3.250
Welders, mechanics	2.070	2.280	Engineers - Power equipment operators:			Elevator constructors	3.000	3.000
Light equipment:			Air compressors	1.840	2.020	Engineers - Power equipment operators:		
Compressors	1.770	1.950	Bulldozers	2.090	2.300	Building construction:		
Firemen	1.620	1.780	Cranes, derricks, and drag-lines	2.215	2.440	Heavy equipment:		
Oilers	1.520	1.670	Hoists:			Power shovels, cranes, erection)	3.000	3.250
Heavy construction:			1 drum	2.090	2.300	Power cranes (steel erection)	3.250	3.500
Heavy equipment:			2 or more drums	2.215	2.440	Trench machines, paving mixers	3.000	3.250
Derricks	2.270	2.450	Locomotives	2.090	2.300	Medium equipment:		
Dredges, engineers	2.270	2.450	Mixers:			Hoists (single or double drum)	3.000	3.250
Shovels, cranes	2.270	2.450	Under 10S	1.840	2.020	Central power plants	3.000	3.250
Medium equipment:			10S or larger	2.090	2.300	Concrete tower hoists	3.175	3.250
Bulldozers, scrapers	2.070	2.220	Pumps	1.840	2.020	Light equipment:		
Graders, motor patrols	2.070	2.220	Rollers	2.090	2.300	Air compressors (single)	2.750	3.000
Welders, mechanics	2.070	2.220	Scrapers	2.090	2.300	Pumps and small mixers	2.750	3.000
Light equipment:			Shovels	2.215	2.440	Concrete pumps	2.750	3.000
Finishing machines	1.770	1.900	Tournapulls	2.090	2.300	Heavy construction:		
Loaders, Barber Green operators	1.870	2.000	Tractors:			Heavy equipment:		
Pumps, compressors	1.770	1.900	Without power control attachments	1.840	2.020	Power shovels, cranes, drag lines	3.000	3.250
Glaziers	1.920	2.110	With power control attachments	2.090	2.300	Pile driving machines	3.125	3.375
Lathers	2.420	2.750	Glaziers	1.750	2.000	Back hoes, concrete pavers	3.000	3.250
Machinists	2.250	2.400	Lathers	2.040	2.250	Medium equipment:		
Marble setters	2.350	2.500	Marble setters	2.550	2.800	Cassion hoists	3.000	3.250
Mosaic and terrazzo workers	2.375	2.540	Mosaic and terrazzo workers	2.550	2.800	Shaft hoists	3.000	3.250
Painters	2.050	2.255	Painters	1.800	1.980	Excavating carry-all	2.750	3.000
Structural steel and swing stage	2.200	2.405	Spray	2.300	2.480	Light equipment:		
Paperhangers	2.050	2.255	Structural steel	2.050	2.230	Small mixers, pumps	2.750	3.000
Plasterers	2.500	2.750	Swing stage	2.050	2.230	Front end loaders and conveyers	2.750	3.000
Plumbers	2.320	2.550	Sign painters	2.020	2.200	Concrete pumps	2.750	3.000
Rodmen	2.150	2.370	Floor finishers	1.800	1.980	Glaziers	2.600	2.850
Roofers, composition	2.000	2.200	Paperhangers:			Lathers	3/3.000	3/3.250
Roofers, slate and tile	2.000	2.200	Provided tools are furnished	1.800	1.980	Machinists	2.500	3.000
Sheet-metal workers	2.250	2.475	Provided tools are not furnished	1.925	2.120	Mosaic and terrazzo workers	3.000	3.000
Sign painters	2.175	2.300	Plasterers	2.040	2.350	Painters	3/2.500	3/2.650
Steam fitters	2.320	2.550	Plumbers	2.250	2.400	Hardwood finishers	2.325	2.325
Sprinkler fitters	2.400	2.600	Rodmen	1.990	2.190	Structural steel	3/2.750	3/3.150
Stonemasons	2.400	2.650	Roofers, composition	1.840	2.030	Plasterers	3/3.250	3/3.400
Structural-iron workers and finishers	2.275	2.500	Roofers, slate and tile	1.840	2.030	Plumbers	2.875	3.100
Tile layers	2.375	2.550	Sheet-metal workers	1.840	2.030	Rodmen	3.100	3.350
<u>Helpers and laborers</u>			Steam fitters	2.250	2.400	Roofers, composition	3/2.850	3/3.140
Bricklayers' tenders	1.620	1.670	Stonemasons	2.550	2.800	Roofers, slate and tile	3.000	3.250
Building laborers	1.520	1.670	Structural- and ornamental-iron workers	2.240	2.460	Sheet-metal workers	3/2.750	3/2.750
Composition roofers' helpers	1.570	1.735	Sheeters and finishers	2.490	2.710	Sign painters	2.500	2.500
Elevator constructors' helpers	1.650	1.690	Tile layers	2.550	2.800	Inside	2.250	2.250
Marble setters' helpers	1.620	1.750	<u>Helpers and laborers</u>			Steam fitters	2.875	3.000
Plasterers' tenders	2.020	2.270	Bricklayers' tenders	1.050	1.270	Sprinkler fitters	2.500	2.750
Plumbers' laborers (first 3 years)	1.620	1.800	Hod carriers	1.050	1.270	Stonemasons	3/3.250	3/3.400
After 3 years	1.820	2.000	Mortar mixers	1.150	1.270	Structural-iron workers	3.100	3.350
Sprinkler fitters' helpers	1.625	1.750	Building laborers	1.050	1.160	Tile layers	2.750	2.950
Terrazzo workers' helpers	1.700	1.840	Concrete workers	(1/)	1.270	<u>Helpers and laborers</u>		
Base-machine operators	1.950	2.090	Composition roofers' helpers	1.000	1.100	Bricklayers' tenders	3/2.190	3/2.335
Tile layers' helpers	1.620	1.750	Elevator constructors' helpers	1.585	1.715	Building laborers	3/2.190	3/2.335
MOBILE, ALA.			Marble setters' helpers	1.050	1.160	Composition roofers' helpers	3/1.500	3/1.650
<u>Journeyman</u>			Plasterers' laborers	1.050	1.270	Elevator constructors' helpers	2.200	2.200
Asbestos workers	2.300	2.500	Hod carriers	1.050	1.270	Plasterers' laborers	3/2.190	3/2.335
Boilermakers	2.350	2.475	Mortar mixers	1.150	1.270	Steam fitters' helpers	1.875	2.000
			Tile layers' helpers	1.050	1.160	Sprinkler fitters' helpers	1.625	1.750
						Terrazzo workers' helpers	2.400	2.400
						Tile layers' helpers	2.200	2.400

1/ Information not available for rate and hours on July 1, 1950.
 3/ 35-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
NEW HAVEN, CONN.			NEW ORLEANS, LA. - Continued			NEW YORK, N. Y. - Continued		
<u>Journeyman</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Asbestos workers	2.325	2.560	Carpenters, parquetry floor layers, and pile drivers	1.975	2.060	Bricklayers	3/3.250	3/3.250
Bricklayers	2.500	2.690	Millwrights	2.100	2.200	Carpenters	3/3.000	3/3.000
Carpenters	2.250	2.310	Cement finishers	1.975	2.060	Wharf and bridge	3.000	3.000
Cement finishers	2.500	2.690	Electricians (inside wiremen) ..	2.400	2.500	Cement finishers	3/3.000	3/3.000
Electricians (inside wiremen) ..	2.400	2.400	Elevator constructors	2.395	2.395	Electricians (inside wiremen) ..	3/3.000	3/3.200
Elevator constructors	2.410	2.675	Engineers - Power equipment operators:			Elevator constructors	3.000	3.000
Engineers - Power equipment operators:			Air compressors	1.825	1.900	Engineers - Power equipment operators:		
Building construction:			Bulldozers	1.975	2.060	Building construction:		
Heavy equipment:			Cranes, derricks, draglines, and pile drivers	2.225	2.325	Heavy equipment:		
Cranes, steel	2.470	2.470	Graders	1.825	2.060	Steel erection (cranes and derricks)	3.500	3.500
Shovels	2.300	2.300	Hoists:			Hoists and concrete buckets (stone derricks)	3/3.250	3/3.250
Derricks	2.470	2.470	1 drum, under 4 stories ..	1.825	1.900	Scrapers and tounapulls ..	2.750	2.750
Medium equipment:			1 drum, 4 stories and over ..	2.225	2.325	Medium equipment:		
Hod-hoists	2.300	2.300	2 drums	2.225	2.325	Welding machines and compressors	3.000	3.000
Compressors	2.250	2.250	Mixers:			Plaster (platform machines)	3/3.250	3/3.250
Bulldozers	2.000	2.000	16S and smaller	1.825	1.900	Bulldozers, tractors, locomotives (10 tons and under), motor patrols, road finishing machines, mixers under 21E	2.625	2.625
Light equipment:			Pumps:			Heavy construction:		
Well-points system	2.250	2.250	3 inches and under	1.300	1.375	Heavy equipment:		
Welding machines - steel ..	2.250	2.250	Over 3 inches	1.825	1.900	Shovels	3.500	3.500
Small concrete mixers, under 5 bags	1.900	1.900	Rollers	1.825	1.900	Pile drivers	3.375	3.375
5 bags and over	2.050	2.050	Scrapers	1.975	2.060	Cranes (digging bucket) ..	3.250	3.250
Heavy construction:			Shovels	2.225	2.325	Scrapers and tounapulls ..	2.750	2.750
Heavy equipment:			Trenching machines	2.225	2.325	Medium equipment:		
Shovels, pile drivers, draglines	2.300	2.300	Glaziers	1.875	2.060	Cranes (structural steel) ..	3.500	3.500
Medium equipment:			Lathers	2.275	2.375	Mixers (concrete) and power houses	3.125	3.125
Pavers	2.300	2.300	Machinists	2.250	2.400	Bulldozers, tractors, locomotives (10 tons and under), motor patrols, road finishing machines, mixers under 21E	2.625	2.625
Pumps	1.900	1.900	Marble setters	2.600	2.700	Light equipment:		
Bulldozers	1.900	1.900	Mosaic and terrazzo workers ..	2.250	2.500	Compressors (portable, 3 or more in battery), double-drum hoists and pumps (concrete)	3.000	3.000
Light equipment:			Painters	1.800	1.800	Glaziers	3/3.000	3/3.000
Compressors	1.900	1.900	Spray, structural steel and swing stage	2.050	2.050	Granite cutters	3/2.714	3/3.000
Welding machines	2.250	2.250	Paperhangers	1.800	1.800	Outside	3/2.571	3/2.600
Small concrete mixers, under 5 bags	1.900	1.900	Plasterers	2.275	2.375	Inside	3/2.286	3/2.514
5 bags and over	2.050	2.050	Plumbers	2.350	2.450	Lathers	2/3.000	2/3.300
Marble setters	2.500	2.690	Rodmen	2.050	2.145	Brooklyn	3/2.750	3/3.000
Mosaic and terrazzo workers ..	2.500	2.690	Roofers, composition	1.825	1.825	Queens and Long Island ...	3/2.857	3/3.000
Painters	2.000	2.200	Roofers, slate and tile	1.825	1.825	Machinists	2.750	3.000
Paperhangers	2.000	2.200	Sheet-metal workers	2.025	2.120	Marble setters	2.750	2.750
Plasterers	2.500	2.690	Sign painters	2.150	2.300	Mosaic and terrazzo workers ..	3.000	3.000
Plumbers	2.375	2.475	Steam and sprinkler fitters ..	2.350	2.450	Painters	3/2.450	3/2.600
Rodmen	2.750	2.750	Stonemasons	2.600	2.700	Brooklyn and Long Island ..		
Roofers, composition	2.350	2.500	Structural- and ornamental-iron workers	2.350	2.450	City	3/2.500	3/2.750
Roofers, slate and tile	2.600	2.750	Tile layers	2.250	2.500	Jamaica and Flushing	3/2.550	3/2.750
Pre-cast slabbers	2.850	3.000				Swing stage	3/2.914	3/3.170
Sheet-metal workers	2.250	2.475				Decorators and grainers ...	3/3.000	3/3.250
Sign painters	2.000	2.200				Structural steel	3/2.800	3/3.000
Steam and sprinkler fitters ..	2.375	2.475				Plasterers	2/3.200	2/3.300
Stonemasons	2.500	2.690				Long Island City and Flushing	2/3.300	2/3.300
Structural-iron workers	2.750	2.750				Plumbers	3/3.000	3/3.000
Tile layers	2.500	2.690				Richmond	3/3.000	3/3.000
						Brooklyn and Queens	3/3.100	3/3.100
<u>Helpers and laborers</u>			<u>Helpers and laborers</u>			<u>Helpers and laborers</u>		
Bricklayers' tenders	1.650	1.700	Bricklayers' tenders	1.200	1.200	Rodmen	3/3.000	3/3.000
Building laborers	1.650	1.700	Hod carriers	1.200	1.300	Roofers, composition	3/3.000	3/3.000
Elevator constructors' helpers ..	1.690	1.870	When mortar is mixed by machine	1.300	1.350			
Marble setters' helpers	1.650	1.815	Mortar mixers, hand	1.200	1.400			
Plasterers' laborers	1.650	1.700	Building laborers	1.100	1.100			
Terrazzo workers' helpers	1.650	1.815	Composition roofers' helpers ..	1.100	1.100			
Tile layers' helpers	1.650	1.815	Elevator constructors' helpers ..	1.680	1.680			
			Marble setters' helpers	1.225	1.350			
			Plasterers' laborers	1.300	1.300			
			When mortar is mixed by machine	1.400	1.400			
			Plumbers' laborers	1.250	1.300			
			Steam and sprinkler fitters' helpers	1.250	1.300			
			Terrazzo workers' helpers	1.225	1.350			
			Tile layers' helpers	1.225	1.350			
NEW ORLEANS, LA.			NEW YORK, N. Y.					
<u>Journeyman</u>			<u>Journeyman</u>					
Asbestos workers	2.425	2.525	Asbestos workers	3/3.000	3/3.000			
Home insulators	1.825	2.060	Boilermakers	3.000	3.000			
Boilermakers	2.250	2.375						
Bricklayers	2.600	2.700						

2/ 30-hour workweek.
3/ 35-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
NEW YORK, N. Y. - Continued			NORFOLK, VA. - Continued			OAKLAND, CALIF. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Roofers, slate and tile	\$3.000	\$3.250	Lathers	\$2.500	\$2.750	Engineers - Power equipment operators: - Continued		
Brooklyn, Queens, and Long Island	3.250	3.250	Mosaic and terrazzo workers ..	2.250	2.750	Heavy construction: - Continued		
Sheet-metal workers	3.100	3.100	Painters	1.875	2.050	Medium equipment:		
Sign painters	2.527	3/2.527	Spray	2.125	2.300	Mucking machines	\$2.410	\$2.650
Outdoor advertising	3.221	3/3.221	Structural steel	2.125	2.300	Dual-drum mixers	2.340	2.570
Silk screen process	2.300	3/2.527	Paperhangers	1.875	2.050	Tractors	2.290	2.520
Steam and sprinkler fitters ..	3.100	3/3.100	Plasterers	2.500	2.750	Light equipment:		
Stonemasons	3.200	3/3.100	Plumbers	2.250	2.475	Locomotives	2.040	2.240
Stonemasons	3.200	3/3.200	Rodmen	1.960	2.110	Locomotives (steam or over 30 tons)	2.290	2.520
Long Island	3.250	3/3.250	Sheet-metal workers	1.900	2.250	Truck cranes	2.440	2.680
Structural-iron workers	3.250	3.250	Sign painters	1.875	2.050	Glaziers	2.080	2.300
Finishers	3/3.000	3/3.000	Steam fitters	2.250	2.475	Lathers	2/3.000	2/3.500
Tile layers	2.750	2.950	Stonemasons	2.500	3.000	Machinists	(1/)	2.500
			Structural and ornamental-iron workers	2.210	2.360	Mosaic and terrazzo workers ..	2.250	2.750
			Riggers	(1/)	2.360	Dry-base machine operators ..	2.250	2.750
			Tile layers	2.250	2.750	Painters	3/2.275	3/2.450
<u>Helpers and laborers</u>			<u>Helpers and laborers</u>			Plasterers	2/3.000	2/3.250
Bricklayers' tenders	3/2.150	3/2.195	Bricklayers' tenders	1.000	1.000	Plumbers	2.500	2.625
Building laborers	3/2.150	3/2.150	Mortar mixers	1.000	1.150	Rodmen	2.250	2.450
Excavating	1.900	1.900	Building laborers .....	.900	.900	Roofers	2.250	2.500
Composition roofers' helpers ..	2.000	2.000	Elevator constructors' helpers ..	1.620	1.620	Sheet-metal workers	2.313	2.475
Elevator constructors' helpers ..	2.200	2.200	Plasterers' laborers	1.150	1.250	Sign painters	3/2.400	3/2.600
Plasterers' laborers	2/2.300	2/2.600	Mortar mixers	1.150	1.250	Outdoor advertising	3/2.310	3/2.500
Brooklyn	2/2.400	2/2.750				Soft tile layers, carpet and linoleum	2.500	2.625
Plumbers' laborers	1.900	2.000				Steam fitters	2.625	2.750
Brooklyn	1.900	1.900				Stone masons	3.000	3.150
Steam and sprinkler fitters helpers	(1/)	3/2.150				Structural-iron workers	2.500	2.700
Terrazzo workers' helpers	2.400	2.400				Ornamental	2.350	2.550
Tile layers' helpers	2.200	2.360						
NORFOLK, VA.			OAKLAND, CALIF.			<u>Helpers and laborers</u>		
<u>Journeyman</u>			<u>Journeyman</u>			Bricklayers' tenders	2.450	2.450
Asbestos workers	2.250	2.375	Asbestos workers	2.350	2.585	Building laborers	1.550	1.700
Bricklayers	2.500	3.000	Boilermakers	2.430	2.530	Elevator constructors' helpers ..	1.890	1.990
Carpenters, parquetry floor layers	1.750	1.950	Bricklayers	3.000	3.150	Plasterers' laborers	2/2.650	2/2.800
Millwrights	2.100	2.300	Carpenters	2.225	2.450	Terrazzo workers' helpers	1.785	2.050
Cement finishers	1.750	1.875	Wharf and bridge	2.325	2.558	Wet-machinemen	1.785	2.200
Composition floor finishers ..	(1/)	2.000	Floor layers	2.285	2.580	Terrazzo polishers	1.785	2.200
Electricians (inside wiremen) ..	2.250	2.310	Millwrights	2.285	2.580			
Elevator constructors	2.310	2.310	Shinglers	2.285	2.580			
Engineers - Power equipment operators:			Cement finishers	2.200	2.420			
Air compressors	1.750	1.875	Composition	2.325	2.560			
Bulldozers	1.875	2.000	Machinemen	2.325	2.560			
Cranes, derricks, draglines, and pile drivers	2.000	2.150	Electricians (inside wiremen) ..	2.550	2.650			
Graders, motor	1.875	2.000	Elevator constructors	2.700	2.840			
Hoists:			Engineers - Power equipment operators:					
1 drum	1.750	1.875	Building construction:					
2 or more drums	2.000	2.150	Heavy equipment:					
Locomotives:			Derricks	2.440	2.680			
Open	1.750	1.875	Tractor-type shovel loaders	2.440	2.680			
Tunnel	2.000	2.150	Medium equipment:					
Mixers:			Material hoists	2.190	2.410			
10S or smaller	1.625	1.750	Mixermobiles	2.340	2.570			
Larger than 10S	1.750	2.000	Scoombobiles (when used as a hoist)	2.190	2.410			
Pumps:			Scoombobiles (when used as a loader)	2.340	2.570			
2 inch discharge	1.525	1.750	Light equipment:					
Over 2 inch discharge	1.750	1.875	Compressors	1.940	2.130			
Rollers:			Compressors (more than one)	2.240	2.460			
Asphalt	1.750	1.875	Towermobiles	2.190	2.410			
Earth	1.525	1.750	Concrete mixers (up to 1 yard)	1.940	2.130			
Scrapers	2.000	2.150	Heavy construction:					
Shovels	2.000	2.150	Heavy equipment:					
Tournapulls	2.000	2.150	Power shovels (up to and including 1 yard)	2.590	2.850			
Tractors:			Power shovels (over 1 yard)	2.690	2.960			
Without attachments	1.750	1.875	LeTourneau pulls	2.440	2.680			
With attachments	2.000	2.150	Highline cableways	2.590	2.850			
Trenching machines	2.000	2.000						
Glaziers	1.875	2.050						

1/ Information not available for rate and hours on July 1, 1950.
2/ 30-hour workweek.
3/ 35-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
OKLAHOMA CITY, OKLA. - Continued			OMAHA, NEBR. - Continued			PEORIA, ILL. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Structural- and ornamental-iron workers	\$2.125	\$2.250	Structural-iron workers	\$2.175	\$2.375	Structural-iron workers	\$2.450	\$2.600
Erectors	2.125	2.250	Tile layers	2.250	2.475	Tile layers	2.575	2.850
Tile layers	2.500	2.500	<u>Helpers and laborers</u>			<u>Helpers and laborers</u>		
<u>Helpers and laborers</u>			Bricklayers' tenders and mortar mixers	1.300	1.475	Bricklayers' tenders	1.700	1.850
Bricklayers' tenders	1.450	1.450	Hod carriers	1.425	1.600	Building laborers	1.700	1.850
Building laborers	1.300	1.300	Building laborers	1.300	1.475	Elevator constructors' helpers	1.770	1.860
Elevator constructors' helpers	1.810	1.920	Elevator constructors' helpers	1.630	1.770	Marble setters' helpers	1.750	2.000
Plasterers' laborers	1.450	1.450	Marble setters' helpers	1.550	1.700	Plasterers' helpers	1.825	1.975
Plumbers' laborers	1.450	1.450	Plasterers' laborers	1.425	1.600	Mortar mixers	1.700	1.850
OMAHA, NEBR.			Terrazzo workers' helpers ..	1.550	1.700	Terrazzo workers' helpers ..	1.750	2.250
<u>Journeyman</u>			Base-machine operators	1.700	2.000	Base-machine operators	2.000	2.250
Asbestos workers	2.350	2.530	Tile layers' helpers	1.550	1.700	Tile layers' helpers	1.750	2.000
Bricklayers	2.400	2.750	PEORIA, ILL.			PHILADELPHIA, PA.		
Carpenters	2.075	2.275	<u>Journeyman</u>			<u>Journeyman</u>		
Millwrights	2.200	2.400	Asbestos workers	2.450	2.700	Asbestos workers	2.675	2.675
Floor layers	2.075	2.275	Boilermakers	2.500	2.600	Home insulators	1.550	1.750
Cement finishers	2.075	2.275	Bricklayers	2.700	3.000	Boilermakers	2.750	3.000
Electricians (inside wiremen) .	2.400	2.580	Carpenters	2.325	2.475	Bricklayers	3/3.250	3/3.250
Elevator constructors	2.335	2.555	Floor layers	2.325	2.475	Speculative	3/3.000	3/3.250
Engineers - Power equipment operators:			Bridge and wharf	2.325	2.475	Operative	2.860	3.150
Building construction:			Millwrights	2.325	2.475	Carpenters	2.525	2.650
Heavy equipment:			Cement finishers	2.425	2.500	Cement finishers	2.525	2.650
Cranes	2.275	2.475	Electricians (inside wiremen) .	2.450	2.600	Residential or speculative ..	2.340	2.570
Derricks	2.275	2.475	Elevator constructors	2.530	2.650	Electricians (inside wiremen) .	2.875	3.125
Shovels	2.275	2.475	Engineers - Power equipment operators:			Residential	2.470	2.720
Two-drum hoists	2.275	2.475	Building construction:			Elevator constructors	2.940	3.020
Medium equipment:			Heavy equipment:			Engineers - Power equipment operators:		
Air compressors	1.825	2.000	Cranes	2.500	2.700	Building construction:		
Hoists	2.000	2.200	Derricks	2.500	2.700	Heavy equipment:		
Pumps, concrete	2.000	2.200	Bulldozers	2.500	2.700	Cranes (all types), derricks, power shovels ..	2.900	3.150
Light equipment:			Medium equipment:			Medium equipment:		
Air tuggers	2.000	2.200	Hoists, 2 drum	2.250	2.400	Tournapulls and		
Boom trucks	2.000	2.200	Mixers, 27E and larger	2.500	2.700	Carry-alls	2.525	2.775
Ryster (lumber carrier) .	2.000	2.200	Air compressors	2.000	2.100	Bulldozers and tractors	2.275	2.525
Trax-dozers - scoops	2.000	2.200	Light equipment:			Light equipment:		
Heavy construction:			Pumps	1.800	1.900	Welding machines	2.300	2.550
Heavy equipment:			Mixers 3 bag	1.800	1.900	Compressors and pumps ..	2.175	2.425
Draglines	2.125	2.300	Hoists, 1 drum	1.900	2.000	Heavy construction:		
Scoops	1.850	2.000	Heavy construction:			Heavy equipment:		
Shovels	2.125	2.300	Heavy equipment:			Cranes (all types), power shovels, cableways	2.900	3.150
Medium equipment:			Cranes	2.500	2.700	Medium equipment:		
Bulldozers	1.850	2.000	Scoops	2.500	2.700	Tournapulls and		
Patrols	1.850	2.000	Bulldozers	2.500	2.700	Carry-alls	2.525	2.775
Tractors	1.850	2.000	Medium equipment:			Bulldozers and tractors	2.275	2.525
Light equipment:			Paving mixers	2.500	2.700	Light equipment:		
Blade graders	1.850	2.000	Mortor-patrols	2.500	2.700	Welding machines	2.300	2.550
Motor graders	1.850	2.000	Pile drivers	2.500	2.700	Compressors and pumps ..	2.175	2.425
Wheel tractors	1.850	2.000	Light equipment:			Glaziers	2.375	2.375
Glaziers:			Air compressors	2.000	2.100	30 feet or more above ground	2.600	2.600
Outside	1.825	1.950	Mixers, 3 bag and under	1.800	1.900	Granite cutters	3/1.928	3/2.121
Inside	1.525	1.650	Pumps	1.800	1.900	Without shed or cover	3/2.178	3/2.371
Lathers	2.275	2.500	Glaziers	2.200	2.325	Lathers	2.850	2.850
Machinists	2.250	2.250	Lathers	2.500	2.750	Residential or speculative ..	2.340	2.570
Marble setters	2.250	2.475	Machinists	2.325	2.500	Machinists	2.400	2.400
Mosaic and terrazzo workers ..	2.250	2.475	Marble setters	2.575	2.850	Marble setters	2.750	2.860
Painters	1.800	2.000	Mosaic and terrazzo workers .	2.575	2.850	Mosaic and terrazzo workers ..	2.750	2.860
Spray and structural steel ..	2.050	2.250	Painters	2.075	2.250	Painters	2.132	2.340
Swing stage	2.050	2.250	Swing stage, spray	2.325	2.500	Steel, spray and swing stage	2.275	2.350
Paperhangers	1.800	2.000	Paperhangers	2.075	2.250	Paperhangers	2.132	2.340
Plasterers	2.400	2.650	Plasterers	2.625	2.775	Plasterers	3.000	3.000
Plumbers	2.350	2.580	Plumbers	2.500	2.650	Residential or speculative ..	2.600	2.600
Rodmen and reinforcers	2.175	2.375	Rodmen	2.450	2.600	Plumbers	2.750	2.750
Roofers, composition	1.725	1.900	Roofers, composition	2.200	2.350	Rodmen	2.400	2.640
Roofers, slate and tile	1.925	2.120	Roofers, slate and tile	2.200	2.350	Roofers, composition	2.375	2.500
Sheet-metal workers	2.150	2.300	Sheet-metal workers	2.325	2.475	Roofers, slate and tile	2.700	2.970
Steam fitters	2.350	2.580	Sign painters	2.250	2.400			
Stonemasons	2.400	2.750	Steam fitters	2.500	2.650			

3/ 35-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
PHILADELPHIA, PA. - Continued			PHOENIX, ARIZ. - Continued			PITTSBURGH, PA. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Sheet-metal workers	\$2.575	\$2.810	Machinists	\$2.500	\$2.500	Roofers, composition	\$2.500	\$2.625
Sign painters	2.225	2.345	Marble setters	3.000	3.300	Roofers, slate and tile	2.625	2.800
Outdoor advertising	2.325	2.445	Mosaic and terrazzo workers ..	3.000	3.300	Precast slab	2.625	2.800
Steam fitters	2.750	2.750	Painters	2.125	2.345	Sheet-metal workers	2.625	2.875
Sprinkler fitters	2.500	2.700	Spray	2.300	2.475	Sign painters	2.500	2.600
Stonemasons	3.250	3.250	Swing stage	2.250	2.425	Over seventy feet	2.750	2.850
Residential or speculative ..	2.750	2.875	Structural steel	2.375	2.550	Steam fitters	2.750	2.825
Structural-iron workers	2.800	3.050	Paperhangers	2.250	2.425	Sprinkler fitters	2.500	2.650
Tile layers	2.750	2.750	Plasterers	3.000	3.000	Stonemasons	3.000	3.000
<u>Helpers and laborers</u>			Plumbers	2.500	2.500	Structural-iron workers	2.625	2.875
Bricklayers' tenders	1.475	1.510	Rodmen	2.100	2.375	Ornamental	2.625	2.875
Residential	1.300	1.430	Roofers, composition	2.000	2.090	Tile layers	2.650	2.750
Building laborers	1.475	1.510	Roofers, slate and tile	2.000	2.090	<u>Helpers and laborers</u>		
Residential	1.300	1.430	Sheet-metal workers	2.125	2.200	Bricklayers' tenders	1.850	1.950
Elevator constructors' helpers	2.060	2.110	Sign painters	2.475	2.600	Building laborers	1.600	1.700
Marble setters' helpers	2.100	2.140	Steam fitters	2.500	2.500	Stonemasons	1.985	2.005
Plasterers' laborers	2.000	2.000	Stonemasons	3.000	3.000	Elevator constructors' helpers	1.675	1.675
Residential	1.845	2.000	Structural-iron workers	2.430	2.580	Marble setters' helpers	1.675	1.675
Sprinkler fitters' helpers	1.600	1.750	Tile layers	3.000	3.000	Plasterers' laborers	1.850	1.950
Terrazzo workers' helpers	2.200	2.275	<u>Helpers and laborers</u>			Plumbers' laborers	1.750	1.875
Tile layers' helpers	2.000	2.030	Bricklayers' tenders	1.950	2.175	Terrazzo workers' helpers	1.875	2.050
PHOENIX, ARIZ.			Building laborers	1.575	1.775	Tile layers' helpers	1.770	1.833
<u>Journeyman</u>			Elevator constructors' helpers	1.750	1.910	PORTLAND, MAINE		
Asbestos workers	2.400	2.500	Marble setters' helpers	1.750	2.000	<u>Journeyman</u>		
Boilermakers	2.430	2.530	Plasterers' laborers	2.150	2.375	Boilermakers	2.450	2.600
Bricklayers	3.000	3.300	Terrazzo workers' helpers	1.750	2.000	Bricklayers	2.250	2.500
Carpenters	2.225	2.425	Tile layers' helpers	1.750	2.000	Carpenters	1.650	1.815
Millwrights	2.350	2.535	PITTSBURGH, PA.			Cement finishers	2.250	2.500
Parquetry floor layers	2.475	2.660	<u>Journeyman</u>			Electricians (inside wiremen)	1.900	2.010
Cement finishers	2.225	2.425	Asbestos workers	2.625	2.875	Elevator constructors	2.200	2.280
Electricians (inside wiremen)	2.250	2.500	Boilermakers	2.650	2.750	Engineers - Power equipment		
Elevator constructors	2.500	2.725	Bricklayers	3.000	3.000	operators:		
Engineers - Power equipment			Carpenters	2.650	2.750	Building construction:		
operators:			Cement finishers	2.750	2.750	Heavy equipment:		
Building construction:			Electricians (inside wiremen)	2.800	2.950	Elevator hoists	2.100	2.250
Heavy equipment:			Elevator constructors	2.835	2.865	Concrete mixers (paving		
Elevator hoists	2.100	2.250	Engineers - Power equipment			type and mobile mixers)	2.250	2.400
Concrete mixers (paving			operators:			A-Frame Boom trucks	2.200	2.350
type and mobile mixers)	2.250	2.400	Building construction:			Medium equipment:		
Medium equipment:			Heavy equipment:			Skip loaders (wheel type)	2.025	2.175
Skip loaders (wheel type)	2.025	2.175	Shovels, cranes, and			Ross Carriers and con-		
Ross Carriers and con-			carry-all scoops	2.800	2.900	crete mixers (skip type)	2.025	2.175
crete mixers (skip type)	2.025	2.175	Medium equipment:			Light equipment:		
Light equipment:			Bulldozers, compressors,			Air compressors	1.900	2.050
Air compressors	1.900	2.050	and hoists	2.700	2.800	Pumps	1.900	2.050
Pumps	1.900	2.050	Light equipment:			Heavy construction:		
Heavy construction:			Pumps, rollers, and			Heavy equipment:		
Heavy equipment:			welders	2.700	2.800	Highline cableways	2.350	2.500
Highline cableways	2.350	2.500	Heavy construction:			Universal equipment		
Universal equipment			Heavy equipment:			(shovels, draglines,		
(shovels, draglines,			Shovels, cranes and			derricks, barges, clam-		
derricks, barges, clam-			ditchers	2.550	2.800	shells, or cranes)	2.350	2.500
shells, or cranes)	2.350	2.500	Medium equipment:			Dozer-carryall (similar		
Dozer-carryall (similar			Bulldozers, graders,			equip.)	2.150	2.300
equip.)	2.150	2.300	and carry-all scoops ..	2.370	2.620	Medium equipment:		
Medium equipment:			Light equipment:			Locomotive engineers	2.275	2.425
Locomotive engineers	2.275	2.425	Compressors, pumps, and			Drilling machines, in-		
Drilling machines, in-			rollers	2.120	2.370	cluding water wells ...	2.275	2.425
cluding water wells ...	2.275	2.425	Glaziers	2.325	2.325	Trenching machines	2.225	2.375
Trenching machines	2.225	2.375	Lathers	2.875	3.025	Building construction:		
Building construction:			Machinists	2.625	2.870	Light equipment:		
Light equipment:			Marble setters	2.500	2.500	Material loaders or con-		
Material loaders or con-			Mosaic and terrazzo workers ..	2.625	2.875	veyors	1.900	2.050
veyors	1.900	2.050	Painters	2.450	2.558	Train handlers (other		
Train handlers (other			Grainers	2.780	2.888	than engine crews),		
than engine crews),			Structural steel	2.700	2.808	oilers, helpers	1.775	1.925
oilers, helpers	1.775	1.925	Paperhangers	2.450	2.558	Glaziers	1.920	2.045
Glaziers	1.920	2.045	Plasterers	2.875	3.025	Lathers	2.500	3.000
Lathers	2.500	3.000	Plumbers	2.750	2.875			
			Rodmen	2.625	2.875			

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
PORTLAND, OREG.			PORTLAND, OREG. - Continued			PROVIDENCE, R. I. - Continued		
Journeyman			Journeyman - Continued			Journeyman - Continued		
Asbestos workers	\$2.375	\$2.550	Mosaic and terrazzo workers ..	\$2.375	\$2.375	Plasterers	\$2.700	\$2.850
Boilermakers	2.430	2.530	Painters	2.100	2.300	Plumbers	2.400	2.400
Bricklayers	2.750	3.000	Bridge and structural steel ..	2.250	2.450	Rodmen	2.450	2.600
Carpenters	2.100	2.300	Spray	2.250	2.450	Roofers, composition	2.200	2.200
Millwrights	2.350	2.550	Swing stage	2.250	2.450	Roofers, slate and tile	2.400	2.400
Floor layers	2.225	2.425	Paperhangers	2.250	2.450	Sheet-metal workers	2.400	2.400
Pile drivers, bridge, dock, and wharf builders	2.200	2.400	Plasterers	2.600	2.850	Sign painters	1.750	2.000
Shinglers	2.300	2.450	Plumbers	2.375	2.770	Steam fitters	2.400	2.400
Cement finishers	2.160	2.300	Rodmen	2.100	2.300	Stonemasons	2.625	2.775
Composition workers, mastic workers	2.285	2.425	Roofers, composition	2.200	2.375	Structural-iron workers	2.450	2.600
Electricians (inside wiremen) and fixture hangers	2.400	2.600	Roofers, slate and tile	2.200	2.375	Tile layers	1.900	2.250
Elevator constructors	2.475	2.650	Sheet-metal workers	2.150	2.400	Helpers and laborers		
Engineers - Power equipment operators:			Sign painters	2.375	2.425	Bricklayers' tenders	1.600	1.650
Building construction:			Steam fitters	2.375	2.770	Building laborers	1.600	1.650
Heavy equipment:			Oil fitters	2.075	2.420	Elevator constructors' helpers	1.730	1.800
Power shovels, drag-lines, and cranes-under 1 cubic yard	2.250	2.350	Stonemasons	2.750	3.000	Marble setters' helpers	1.500	1.500
Power shovels, draglines, and cranes - 1 cubic yard and under 5 cubic yards	2.350	2.450	Structural-iron workers	2.300	2.500	Plasterers' laborers	1.875	1.900
Power shovels, drag-lines, and cranes - 5 cubic yards and over ..	2.700	2.800	Ornamental finishers	2.300	2.500	Terrazzo workers' helpers	1.500	1.500
Tractors - under 50 horse-power	2.000	2.100	Tile layers	2.375	2.375	Tile layers' helpers	1.500	1.500
Over 50 horse-power ..	2.200	2.300	Helpers and laborers			READING, PA.		
Medium equipment:			Boilermaker helpers	2.130	2.230	Journeyman		
Blades, power	2.200	2.300	Bricklayers' tenders	2.000	2.250	Asbestos workers	2.175	2.500
Pile drivers	2.300	2.400	Building laborers	1.700	1.750	Bricklayers	2.500	3.000
Light equipment:			Elevator constructors' helpers	1.730	1.850	Carpenters	2.250	2.365
Hoists - single drum ..	2.000	2.100	Marble setters' helpers	2.000	2.250	Floor layers and millwrights ..	2.250	2.365
Hoists - 2 or more active drums	2.300	2.400	Plasterers' laborers	2.000	2.250	Cement finishers	2.200	2.310
Concrete mixers - 1 to 5 bag capacity	1.950	2.050	Plumbers' laborers	1.700	1.850	Electricians (inside wiremen)	2.375	2.500
Concrete mixers - 5 bag capacity and over	2.100	2.200	Terrazzo workers' helpers	2.000	2.250	Elevator constructors	2.440	2.555
Derricks, live boom	2.350	2.450	Tile layers' helpers	2.000	2.150	Engineers - Power equipment operators:		
Heavy construction:			PROVIDENCE, R. I.			Building construction:		
Heavy equipment:			Journeyman			Heavy equipment:		
Power shovels, draglines, and cranes - under 1 cubic yard	2.250	2.350	Asbestos workers	2.450	2.450	Cranes (all types), derricks, power shovels ..	2.800	2.800
Power shovels, draglines, and cranes - 1 cubic yard and under 5 cubic yards	2.350	2.450	Boilermakers	2.450	2.600	Medium equipment:		
Power shovels, draglines, and cranes - 5 cubic yards and over ..	2.700	2.800	Bricklayers	2.625	2.775	Tournapulls and carry-alls	2.425	2.425
Tractors - under 50 horse-power	2.000	2.100	Tunnel, sewer and caisson ..	2.875	3.025	Bulldozers and tractors ..	2.175	2.175
Over 50 horse-power ..	2.200	2.300	Carpenters	2.100	2.250	Light equipment:		
Medium equipment:			Cement finishers	2.250	2.500	Welding machines	2.350	2.350
Blades, power	2.200	2.300	Electricians (inside wiremen)	2.250	2.400	Compressors and pumps ..	2.225	2.225
Pile drivers	2.300	2.400	Elevator constructors	2.475	2.575	Heavy construction:		
Light equipment:			Engineers - Power equipment operators:			Heavy equipment:		
Hoists - single drum ..	2.000	2.100	Building construction:			Cranes (all types), cableways, and power shovels	2.800	2.800
Hoists - 2 or more active drums	2.300	2.400	Heavy equipment:			Medium equipment:		
Concrete mixers - 1 to 5 bag capacity	1.950	2.050	Cranes, shovels, drag-lines, and back hoes ..	2.500	2.625	Tournapulls and carry-alls	2.425	2.425
Concrete mixers - 5 bag capacity and over	2.100	2.200	Medium equipment:			Bulldozers and tractors ..	2.175	2.175
Derricks, live boom	2.350	2.450	Hoists, pile drivers and derricks	2.500	2.625	Light equipment:		
Glaziers	2.040	2.250	Light equipment:			Welding machines	2.350	2.350
Lathers	2.500	2.750	Pumps, air compressors and gas or electric heaters	2.125	2.250	Compressors and pumps ..	2.225	2.225
Machinists	2.350	2.365	Heavy construction:			Glaziers	1.900	2.090
Marble setters	2.550	2.550	Heavy equipment:			Lathers	2.250	2.365
			Shovels, cranes, drag-lines and pavers	2.500	2.625	Machinists'	(1/)	2.400
			Medium equipment:			Painters	1.975	2.060
			Pile drivers, lighters and derricks	2.500	2.625	Spray	2.350	2.450
			Light equipment:			Structural steel	2.250	2.250
			Mixers, pumps, air compressors, stone crushers ..	2.125	2.250	Paperhangers	1.975	2.060
			Glaziers	2.125	2.225	Plasterers	2.500	2.750
			Granite cutters	1.940	6/1.940	Flumbers	2.400	2.500
			Lathers	2.700	2.850	Rodmen	2.450	2.700
			Marble setters	1.900	2.250	Roofers, composition	1.900	2.100
			Mosaic and terrazzo workers ..	1.900	2.250	Roofers, slate and tile	1.900	2.100
			Painters	1.850	2.000	Slab	2.250	2.450
			Structural steel	2.100	2.250	Sheet-metal workers	2.025	2.200
			Paperhangers	1.850	2.000	Sign painters	1.500	1.600
						Outdoor advertising and swing	1.750	1.850

1/ Information not available for rate and hours on July 1, 1950.

6/ 35-hour workweek in effect 6 months of the year and 40-hour workweek for remaining 6 months.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
READING, PA. - Continued			RICHMOND, VA. - Continued			ROCHESTER, N. Y. - Continued		
<u>Journeyman - Continued</u>			<u>Helpers and laborers</u>			<u>Journeyman - Continued</u>		
Steam fitters	\$2.400	\$2.500	Bricklayers' tenders	\$1.250	\$1.250	Tile layers	\$2.410	\$2.650
Stonemasons	2.500	2.750	Building laborers .....	.900	1.000	<u>Helpers and laborers</u>		
Structural-iron workers	2.650	2.900	Elevator constructors' helpers	1.610	1.645	Bricklayers' tenders	1.700	1.760
Tile layers	2.300	2.750	Plasterers' laborers	(1/)	1.250	Building laborers	1.700	1.760
<u>Helpers and laborers</u>			ROCHESTER, N. Y.			Elevator constructors' helpers	1.695	1.840
Bricklayers' tenders	1.750	1.870	<u>Journeyman</u>			Marble setters' helpers	1.725	1.785
Building laborers	1.400	1.485	Asbestos workers	2.550	2.640	Plasterers' laborers	1.700	1.760
Elevator constructors' helpers	1.710	1.790	Bricklayers	2.500	2.750	Terrazzo workers' helpers	1.725	1.785
Plasterers' laborers	1.750	1.870	Carpenters	2.310	2.410	Machine operators and		
Plumbers' laborers	1.400	1.485	Millwrights	(1/)	2.600	grinders	1.825	1.885
RICHMOND, VA.			Cement finishers	2.500	2.750	Tile layers' helpers	1.725	1.785
<u>Journeyman</u>			Electricians (inside wiremen)	2.600	2.700	ROCK ISLAND (ILL.) DISTRICT 7/		
Asbestos workers	2.250	2.375	Elevator constructors	2.420	2.630	<u>Journeyman</u>		
Boilermakers	2.375	2.610	Engineers - Power equipment			Asbestos workers	2.250	2.350
Bricklayers	2.500	2.750	operators:			Boilermakers	1.900	1.900
Carpenters	1.880	2.050	Building construction:			Bricklayers	2.500	2.625
Millwrights	2.130	2.300	Heavy equipment:			Carpenters, floor layers and		
File drivers	1.880	2.050	Cranes, derricks, and			millwrights	2.250	2.335
Cement finishers	1.800	1.900	pile drivers	2.650	2.750	Cement finishers	2.080	2.285
Electricians (inside wiremen)	2.170	2.250	Medium equipment:			Electricians (inside wiremen)	2.375	2.500
Elevator constructors	2.300	2.355	Hoists, high pressure			Elevator constructors	2.390	2.505
Engineers - Power equipment			boilers, and pump creek			Engineers - Power equipment		
operators:			machines	2.500	2.600	operators:		
Air compressors	1.750	1.920	Light equipment:			Building construction:		
Bulldozers	1.875	2.060	Mixers (14S to 26S)	2.300	2.400	Heavy equipment:		
Cranes, derricks, and drag-			Pumps (4 inches and			Concrete mixers	2.220	2.440
lines	2.125	2.330	over) and mixers			2 drum hoists	2.220	2.440
Graders:			(under 14S)	2.050	2.145	Shovels, derricks	2.220	2.440
Blade	1.750	2.060	Compressors (160 cubic			Medium equipment:		
Motor	1.875	2.060	feet and over)	2.000	2.090	Concrete pumps	2.100	2.310
Hoists:			Compressors (under 160			Front end loaders	2.100	2.310
1 drum	1.750	1.920	cubic feet) and pumps			Single-drum hoists	2.100	2.310
2 or more drums	2.000	2.200	(under 4 inch)	1.700	1.760	Light equipment:		
Locomotives	1.750	2.060	Heavy construction:			Air compressors under		
Mixers:			Heavy equipment:			500 cubic feet	1.760	1.935
10S or smaller	1.625	1.780	Cableways, pile drivers,			Concrete mixers	1.760	1.935
Larger than 10S	1.750	2.060	cranes and shovels	2.650	2.750	Stationary boiler en-		
Pumps:			Medium equipment:			gineers	1.760	1.935
2 inch discharge	1.500	1.650	Mucking machines	2.500	2.600	Heavy construction:		
Over 2 inch discharge	1.750	1.920	Carry-all type scrapers,			Heavy equipment:		
Rollers	1.750	1.920	bulldozers, and graders	2.300	2.400	Concrete mixers	2.220	2.340
Scrapers	2.000	2.200	Light equipment:			Mechanics	2.220	2.340
Shovels	2.125	2.330	Dinky locomotives and			Shovels and all attach-		
Tournapulls	2.125	2.200	pumps (4 inches and			ments	2.220	2.340
Tractors:			over)	2.300	2.400	Medium equipment:		
Without attachments	1.750	1.920	Compressors (315 cubic			Bulldozers, scraper		
With attachments	2.125	2.200	feet and over)	2.050	2.150	equipment	2.100	2.220
Trenching machines	2.125	2.200	Pumps (under 4 inches) .	1.700	1.800	Equipment greasers	2.100	2.220
Glaziers	1.750	1.825	Glaziers	2.050	2.150	Motor patrols	2.100	2.220
Lathers	2.250	2.375	Lathers	2.500	2.600	Light equipment:		
Machinists	2.250	2.250	Machinists	2.500	2.750	Air compressors	1.760	1.880
Marble setters	2.500	2.500	Marble setters	2.410	2.650	Stationary boiler		
Mosaic and terrazzo workers ..	2.250	2.250	Mosaic and terrazzo workers ..	2.410	2.650	engineers	1.760	1.880
Painters	1.750	1.825	Painters	2.240	2.340	Water pumps	1.760	1.880
Spray	2.200	2.275	Spray	2.490	2.590	Glaziers	2.125	2.338
Structural steel and stage			Structural and bridge	2.340	2.440	Lathers	2.500	2.500
work	2.000	2.075	Paperhangers	2.240	2.340	Marble setters	2.150	2.250
Paperhangers	1.750	1.825	Plasterers	2.500	2.750	Mosaic and terrazzo workers ..	2.150	2.250
Plasterers	2.330	2.500	Plumbers	2.550	2.550	Painters	2.100	2.250
Plumbers	2.250	2.475	Rodmen	2.500	2.600	Steel	2.225	2.375
Rodmen	2.060	2.150	Roofers, composition	2.200	2.300	Swing stage, triple ladder,		
Sheet-metal workers	2.000	2.100	Roofers, slate and tile	2.200	2.300	window tracks and spray		
Sign painters	2.000	2.000	Sheet-metal workers	2.350	2.350	painters	2.225	2.375
Steam fitters	2.250	2.475	Sign painters	2.025	2.200	Paperhangers	2.100	2.250
Stonemasons	2.500	2.750	Steam fitters	2.550	2.640	Plasterers	2.500	2.750
Structural- and ornamental-			Stonemasons	2.500	2.750	Plumbers	2.375	2.500
iron workers	2.310	2.400	Structural-iron workers	2.500	2.600	Rodmen	2.350	2.475
Tile layers	2.250	2.250	Finishers	2.500	2.600	Roofers, composition	2.150	2.365

1/ Information not available for rate and hours on July 1, 1950.

7/ Includes Rock Island and Moline, Ill., and Davenport, Iowa.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
ROCK ISLAND (ILL.) DISTRICT / - Continued			ST. LOUIS, MO. - Continued			ST. PAUL, MINN. - Continued		
Journeymen - Continued			Journeymen - Continued			Journeymen - Continued		
Roofers, slate and tile	\$2.150	\$2.365	Lathers:			Engineers - Power equipment		
Sheet-metal workers	2.250	2.420	Wood	\$2.500	\$2.625	operators: - Continued		
Sign painters	2.100	2.310	Metal	2.750	2.875	Heavy construction: - Con-		
Steam fitters	2.375	2.500	Machinists	2.500	2.750	tinued		
Refrigeration fitters	2.375	2.500	Marble setters	2.500	2.650	Light equipment: - Con-		
Structural-iron workers	2.350	2.475	Mosaic and terrazzo workers ..	2.600	2.750	tinued		
Tile layers	2.150	2.250	Painters	2.320	2.500	Finishing machines	\$1.770	\$1.900
Helpers and laborers			Paperhangers	2.320	2.500	Glaziers	1.920	2.110
Bricklayers' tenders	1.625	1.650	Plasterers	2.750	2.875	Lathers	2.420	2.700
Mortar mixers	1.725	1.760	Plumbers	2.500	2.625	Machinists	2.250	2.400
Building laborers	1.625	1.650	Rodmen	2.500	2.750	Marble setters	2.350	2.500
Ditch, sewer and tunnel			Roofers, composition	2.475	2.475	Mosaic and terrazzo workers ..	2.375	2.540
work	1.725	1.725	Roofers, slate, tile and pre-	2.250	2.375	Painters	2.020	2.220
Elevator constructors' helpers	1.670	1.750	cast slab	2.625	2.750	Structural steel and swing		
Marble setters' helpers	1.600	1.600	Sheet-metal workers	2.500	2.750	stage	2.170	2.370
Plasterers' tenders	2.000	2.063	Sign and pictorial painters ..	2.500	2.750	Spray	2.170	2.370
Mortar mixers	2.000	2.063	Steam fitters	2.625	2.625	Paperhangers	2.020	2.220
Plumbers' helpers	1.625	1.650	Sprinkler fitters	2.500	2.625	Plasterers	2.420	2.750
Terrazzo workers' helpers	1.600	1.600	Stonemasons	3.000	3.000	Plumbers	2.320	2.550
Base grinders	1.750	1.750	Structural-iron workers	2.500	2.750	Rodmen	2.150	2.370
Tile layers' helpers	1.600	1.600	Tile layers	2.500	2.625	Roofers, composition	2.000	2.200
ST. LOUIS, MO.			Helpers and laborers			Roofers, slate and tile	2.000	2.200
Journeymen			Bricklayers' tenders (hod			Sheet-metal workers	2.250	2.475
Asbestos workers	2.500	2.820	carriers)	1.900	2.200	Sign painters	2.175	2.300
Boilermakers	2.400	2.650	Building laborers	1.650	1.770	Steam fitters	2.320	2.550
Bricklayers	3.000	3.000	Elevator constructors' helpers	1.780	1.960	Pipe fitters	2.320	2.550
Sewer, over 6 feet, open			Plasterers' laborers	2.000	2.375	Sprinkler fitters	2.400	2.600
work	3.250	3.250	Plumbers' laborers	1.875	2.000	Refrigeration fitters	2.000	2.200
Carpenters	2.500	2.700	Sprinkler fitters' helpers ...	1.500	1.625	Stonemasons	2.400	2.650
Millwrights	2.500	2.700	Stonemasons' helpers	1.900	2.200	Structural-iron workers and		
Pile drivers, wharf	2.500	2.700	Terrazzo workers' helpers ..	1.800	1.980	finishers	2.275	2.500
Cement finishers	2.500	2.750	Base-machine operators	2.000	2.200	Tile layers	2.375	2.550
On swinging scaffold	2.625	2.875	Tile layers' helpers	1.700	1.785	Helpers and laborers		
Composition	2.750	3.000	ST. PAUL, MINN.			Bricklayers' tenders	1.520	1.670
Electricians (inside wiremen)	2.500	2.625	Journeymen			Mortar mixers	1.620	1.800
Elevator constructors	2.540	2.790	Asbestos workers	2.320	2.550	Building laborers	1.520	1.670
Engineers - Power equipment			Bricklayers	2.400	2.650	Composition roofers' helpers	1.570	1.730
operators:			Tuck pointing	2.525	2.770	Elevator constructors' helpers	1.650	1.690
Building construction:			Carpenters	2.120	2.330	Marble setters' helpers	1.620	1.750
Heavy equipment:			Millwrights	2.120	2.330	Plasterers' laborers	2.020	2.220
Crane-dragline-shovel			Pile drivers	2.120	2.330	Plumbers' laborers	1.520	1.970
combination	2.550	2.760	Cement finishers	2.070	2.280	Sprinkler fitters' helpers ...	1.625	1.750
Derricks (all types) ...	2.550	2.760	Electricians (inside wiremen)	2.350	2.585	Terrazzo workers' helpers:		
Pile drivers	2.550	2.760	Elevator constructors	2.340	2.420	Floor-machine operators	1.700	1.840
Medium equipment:			Engineers - Power equipment			Base-machine operators	1.950	2.090
Boring machines (footing			operators:			Tile layers' helpers	1.620	1.750
foundation)	2.550	2.760	Building construction:			SALT LAKE CITY, UTAH		
Combination hoists and			Heavy equipment:			Journeymen		
concrete mixers	2.550	2.760	Derricks	2.270	2.500	Asbestos workers	2.150	2.150
Tractor shovels, Hi-lift	2.550	2.760	Cranes, shovels	2.270	2.500	Boilermakers	2.430	2.530
Light equipment:			Pumpcretes	2.170	2.390	Bricklayers	2.500	2.750
Concrete pumps	2.550	2.760	Medium equipment:			Carpenters	1.875	2.050
1 drum hoists	2.000	2.250	Hoists	2.070	2.280	Floor layers and scrapers ..	2.000	2.050
Single compressors	2.000	2.250	Concrete mixers	2.070	2.280	Millwrights and saw		
Heavy construction:			Mechanics, welders	2.070	2.280	filers	2.000	2.175
Heavy equipment:			Light equipment:			Pile drivers	2.325	2.558
Crane-dragline-shovel			Compressors	1.770	1.950	Cement finishers	1.875	2.050
combination	2.550	2.760	Firemen	1.620	1.780	Composition floor layers ...	2.000	2.175
Derricks (all types) ...	2.550	2.760	Oilers	1.520	1.670	Finishing-machine operators	2.000	2.175
Pile drivers	2.550	2.760	Heavy construction:			Electricians (inside wire-		
Medium equipment:			Heavy equipment:			men)	2.300	2.400
Hoists	2.000	2.250	Cranes, shovels	2.270	2.450	Elevator constructors	2.340	2.340
Welding machines	2.000	2.250	Dredges, engineers	2.270	2.450	Engineers - Power equipment		
Single compressors	2.000	2.250	Derricks	2.270	2.450	operators:		
Light equipment:			Medium equipment:			Building construction:		
Boilers	2.000	2.250	Mechanics, welders	2.070	2.220	Heavy equipment:		
Pumps	2.000	2.250	Bulldozers, scrapers ...	2.070	2.220	Derricks	2.125	2.300
Concrete-mixing machines	2.000	2.250	Graders, motor patrols ..	2.070	2.220	Pile drivers	2.225	2.400
Glaziers	2.500	2.750	Light equipment:			Tractors with		
			Pumps, compressors	1.770	1.900	front end		
			Loaders, Barber Green ..	1.870	2.000	loaders	1.975	2.150

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
SALT LAKE CITY, UTAH - Continued			SAN ANTONIO, TEX. - Continued			SAN FRANCISCO, CALIF. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Engineers - power equipment operators: - Continued			Bricklayers	\$2.625	\$3.000	Carpenters	\$2.225	\$2.450
Building construction: - Continued			Carpenters, parquetry floor layers	2.000	2.200	Floor layers	2.350	2.580
Medium equipment:			Millwrights	2.250	2.375	Millwrights	2.350	2.580
Hoists - 1 drum	\$1.825	\$2.000	Cement finishers	2.250	2.500	Shinglers	2.350	2.580
Hoists - 2 drum (both in use)	1.925	2.100	Electricians (inside wiremen)	2.375	2.475	Wharf-bridge	2.325	2.558
Mixermobiles	1.975	2.150	Elevator constructors	2.425	2.635	Cement finishers	2.200	2.420
Tractors, rubber-tired (industrial or farm type)	1.725	1.900	Engineers - Power equipment operators:			Composition	2.325	2.560
Light equipment:			Air compressors	1.750	1.925	Machine operators	2.325	2.560
Air compressors	1.700	1.875	Bulldozers	2.000	2.200	Electricians (inside wiremen) and fixture hangers	2.625	2.750
Air compressors-2 or more	1.825	2.000	Derricks, draglines, and pile drivers	2.000	2.200	Elevator constructors	2.700	2.840
Concrete mixers, skip type	1.725	1.900	Graders, self-propelled	2.000	2.200	Engineers - Power equipment operators:		
Heavy construction:			Hoists:			Building construction:		
Heavy equipment:			1 drum	1.750	1.925	Heavy equipment:		
Power shovels, up to 1 yard	2.125	2.300	2 or more drums	2.000	2.200	Derricks	2.440	2.680
Power shovels, over 1 yd	2.125	2.300	Mixers:			Tractors-type shovel loaders	2.440	2.680
Tournapull or similar type	2.100	2.275	Under 14 cubic feet	1.750	1.925	Medium equipment:		
Cableways	2.125	2.300	14 cubic feet and over ...	2.000	2.200	Material hoists	2.190	2.410
Medium equipment:			Pumps, larger than 4 inches	1.750	1.925	Mixermobiles	2.340	2.570
Mucking-machines (under-ground work)	2.225	2.400	Rollers	2.000	2.200	Scoommobiles (when used as a hoist)	2.190	2.410
Concrete mixers, paving or batch plant	1.975	2.150	Scrapers:			Scoommobiles (when used as a loader)	2.340	2.570
Tractors	1.975	2.150	3 cubic yards or less	1.750	1.925	Light equipment:		
Motor patrols	2.075	2.250	Over 3 cubic yards	2.000	2.200	Compressors	1.940	2.130
Light equipment:			Shovels	2.000	2.200	Compressors (more than one)	2.240	2.460
Engineers, dinky	1.725	1.900	Tractors, crawler type and wheel type (except when hauling material)	1.750	1.925	Towermobiles	2.190	2.410
Engineers, locomotive ..	1.975	2.150	Trenching machines	2.000	2.200	Concrete mixers (up to 1 yard)	1.940	2.130
Truck cranes	1.125	1.300	Glaziers	1.875	2.000	Heavy construction:		
Glaziers	1.850	1.925	Lathers	2.875	3.000	Heavy equipment:		
Lathers, wood and metal	2.500	2.625	Machinists	2.500	2.500	Power shovels (up to and including 1 yard)	2.590	2.850
Marble setters	2.250	2.250	Marble setters	2.000	2.250	Power shovels (over 1 yard)	2.690	2.960
Mosaic and terrazzo workers ..	2.250	2.250	Mosaic and terrazzo workers ..	1.875	2.000	LeTourneau pulls	2.440	2.680
Painters	1.875	2.000	Painters	2.000	2.125	Highline cableways	2.590	2.850
Swing stage	2.000	2.125	Spray and structural steel brush	2.125	2.250	Medium equipment:		
Spray gun	2.125	2.250	Structural steel spray	2.375	2.500	Mucking machines	2.410	2.650
Paperhangers	2.000	2.125	Paperhangers	1.875	2.000	Dual-drum mixers	2.340	2.570
Plasterers	2.500	2.625	Plasterers	2.750	3.000	Tractors	2.290	2.520
Plumbers	2.200	2.500	Plumbers	2.375	2.625	Light equipment:		
Rodmen	2.075	2.250	Rodmen	2.000	2.250	Locomotives	2.040	2.240
Roofers, composition	2.000	2.150	Sheet-metal workers	2.250	2.500	Locomotives (steam or over 30 tons)	2.290	2.520
Roofers, slate and tile	2.000	2.150	Sign painters	2.375	2.625	Truck cranes	2.440	2.680
Sheet-metal workers	2.000	2.200	Steam fitters	2.625	3.000	Glaziers	2.080	2.300
Sign painters	1.900	2.050	Stonemasons	2.625	3.000	Granite cutters	3.000	3.000
Steamfitters	2.200	2.500	Structural- and ornamental-iron workers	2.250	2.500	Lathers	2.500	2.500
Refrigerator fitters	2.200	2.200	Tile layers	2.000	2.250	Machinists	2.500	2.700
Stonemasons	2.500	2.750	<u>Helpers and laborers</u>			Marble setters	2.500	2.750
Structural-iron workers	2.150	2.325	Bricklayers' tenders	1.240	1.330	Mosaic and terrazzo workers ..	2.250	2.750
Ornamental finishers	2.150	2.325	Hod carriers and mortar mixers	1.500	1.590	Base-machine operators	2.250	2.750
Tile layers	2.250	2.250	Building laborers .....	.970	1.060	Painters	3/2.275	3/2.450
<u>Helpers and laborers</u>			Elevator constructors' helpers	1.700	1.845	Structural steel	3/2.275	3/2.450
Bricklayers' tenders	1.725	1.900	Plasterers' laborers	1.500	1.590	Paperhangers	3/2.275	3/2.450
Building laborers	1.325	1.500	Plumbers' laborers	1.000	1.100	Plasterers	3.000	3.000
Elevator constructors' helpers ..	1.640	1.640	SAN FRANCISCO, CALIF.			Plumbers	2.500	2.750
Plasterers' laborers	2.000	2.125	<u>Journeyman</u>			Rodmen	2.250	2.450
Plumbers' laborers	1.325	1.500	Asbestos workers	2.350	2.585	Roofers, composition	2.250	2.500
SAN ANTONIO, TEX.			Boilermakers	2.430	2.530	Roofers, slate and tile	2.250	2.500
<u>Journeyman</u>			Bricklayers	2/3.000	3/3.250	Sheet-metal workers	2.313	2.475
Asbestos workers	2.375	2.500	Caisson	2/3.167	3/3.250	Sign painters	3/2.310	3/2.500
						Steam fitters	2.500	2.750
						High pressures	2.500	2.750
						Low pressures	2.375	2.625
						Oil burner fitters	2.500	2.625
						Sprinkler fitters	2.500	2.750
						Stonemasons	2/3.000	3/3.250

2/ 30-hour workweek.
3/ 35-hour workweek.
8/ 44-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
SAN FRANCISCO, CALIF.- Continued			SCRANTON, PA.			SEATTLE, WASH. - Continued		
Journeyman - Continued			Journeyman			Journeyman - Continued		
Structural-iron workers	\$2.500	\$2.700	Asbestos workers	\$2.300	\$2.300	Carpenters	\$2.195	\$2.420
Finishers (ornamental)	2.350	2.550	Bricklayers	2.625	2.875	Floor layers	2.295	2.550
Tile layers	2.675	2.955	Carpenters	2.125	2.250	Pile drivers, bridge and dock	2.245	2.470
Helpers and laborers			Millwrights	2.375	2.500	Shinglers	2.285	2.550
Bricklayers' tenders	2.450	2.450	Cement finishers	2.275	2.365	Cement finishers	2.195	2.370
Building laborers	1.550	1.700	Electricians (inside wiremen)	2.375	2.500	Composition and mastic floor layers	2.245	2.420
Elevator constructors' helpers	1.890	1.990	Elevator constructors	2.425	2.670	Electricians (inside wiremen) and fixture hangers	2.395	2.650
Marble setters' helpers	1.875	2.025	Engineers - Power equipment operators:			Elevator constructors	2.557	2.750
Plasterers' laborers	2/2.600	2/2.650	Building construction:			Engineers - Power equipment operators:		
Terrazzo workers' helpers	1.875	2.050	Heavy equipment:			Building construction:		
Wet-machine men	1.785	2.200	Cranes (all types), derricks, power shovels	2.800	2.800	Heavy equipment:		
Terrazzo polishers	1.785	2.200	Medium equipment:			Shovels and cranes, all crawler and truck types	2.630	2.800
Tile layers' helpers	1.970	2.210	Tournapulls and carry-alls	2.425	2.425	Bulldozers, all	2.280	2.450
SAVANNAH, GA.			Bulldozers and tractors	2.175	2.175	Carry-all type scrapers - singles	2.280	2.450
Journeyman			Light equipment:			Carry-all type scrapers - tandem	2.430	2.600
Asbestos workers	2.250	2.500	Welding machines	2.350	2.350	Medium equipment:		
Boilermakers	2.350	2.475	Compressors and pumps	2.225	2.225	Hoists	2.330	2.500
Bricklayers	2.250	2.500	Heavy construction:			Mixers, other than paving	2.330	2.500
Carpenters, wharf and bridge	1.800	2.000	Heavy equipment:			Pile drivers engineers	2.400	2.570
Millwrights	2.050	2.250	Cranes (all types), power shovels, cableways	2.800	2.800	Light equipment:		
Pile drivers	1.900	2.100	Medium equipment:			Forklifts or lumber stackers (on construction job site) ...	2.280	2.450
Cement finishers	1.875	1.875	Tournapulls and carry-alls	2.425	2.425	Compressors, excavating	2.080	2.250
Electricians (inside wiremen)	2.000	2.350	Bulldozers and tractors	2.475	2.175	Heavy equipment:		
Elevator constructors	2.120	2.350	Light equipment:			Shovels and cranes, all crawler and truck types	2.630	2.800
Engineers - Power equipment operators:			Welding machines	2.350	2.350	Bulldozers, all	2.280	2.450
Air compressors	1.750	2.000	Compressors and pumps	2.250	2.250	Carry-all type scrapers - single	2.280	2.450
Bulldozers	1.750	2.000	Glaziers	1.825	1.900	Carry-all type scrapers - tandem	2.430	2.600
Cranes, pile drivers, derricks, draglines	2.000	2.250	Inside	1.470	1.500	Medium equipment:		
Graders	1.750	2.000	Lathers	2.275	2.500	Hoists	2.330	2.500
Hoists:			Marble setters	2.375	2.625	Mixers, other than paving	2.330	2.500
1 and 2 drums	1.750	2.000	Mosaic and terrazzo workers	2.375	2.500	Pile driver engineers	2.400	2.570
3 or more drums	2.000	2.250	Painters	1.875	2.063	Light equipment:		
Mixers:			Swing	2.000	2.200	Forklifts or lumber stackers (on construction job site) ...	2.280	2.450
Under 14 cu. ft.	1.750	2.000	Steel	2.250	2.475	Compressors, excavating	2.080	2.250
14 cu. ft. and over	2.000	2.250	Paperhangers	1.875	2.063	Shovels and cranes, all crawler and truck types	2.630	2.800
Pumps	1.750	2.000	Plasterers	2.525	2.640	Bulldozers, all	2.280	2.450
Rollers	1.750	2.000	Plumbers	2.150	2.425	Carry-all type scrapers - single	2.280	2.450
Scrapers	1.750	2.000	Rodmen	2.720	2.970	Carry-all type scrapers - tandem	2.430	2.600
Shovels	2.000	2.250	Roofers, composition	2.125	2.200	Medium equipment:		
Tractors	1.750	2.000	Roofers, slate and tile	2.125	2.200	Hoists	2.330	2.500
Trenching machines	1.750	2.000	Sheet-metal workers	2.125	2.300	Mixers, other than paving	2.330	2.500
Glaziers	1.650	1.850	Steam fitters	2.300	2.425	Pile driver engineers	2.400	2.570
Lathers	2.250	2.250	Stonecutters	2.000	2.000	Light equipment:		
Machinists	2.250	2.250	Outside (finish)	2.500	2.500	Forklifts or lumber stackers (on construction job site) ...	2.280	2.450
Marble setters	2.250	2.500	Stonemasons	2.625	2.875	Compressors, excavating	2.080	2.250
Mosaic and terrazzo workers	2.250	2.500	Structural-iron workers	2.820	3.070	Shovels and cranes, all crawler and truck types	2.630	2.800
Painters	1.650	1.850	Tile layers	2.375	2.500	Bulldozers, all	2.280	2.450
Spray	3.000	3.200	Helpers and laborers			Carry-all type scrapers - single	2.280	2.450
Structural steel	1.900	2.100	Bricklayers' tenders	1.600	1.600	Carry-all type scrapers - tandem	2.430	2.600
Paperhangers	1.775	1.975	Building laborers	1.450	1.450	Medium equipment:		
Plasterers	2.000	2.250	Composition roofers' helpers	1.500	1.513	Hoists	2.330	2.500
Plumbers	2.300	2.500	Elevator constructors' helpers	1.700	1.870	Mixers, other than paving	2.330	2.500
Rodmen	2.000	2.000	Marble setters' helpers	1.500	1.625	Pile driver engineers	2.400	2.570
Sheet-metal workers	1.750	2.000	Plasterers' laborers	1.600	1.600	Light equipment:		
Sign painters	1.650	1.850	Plumbers' laborers	1.450	1.450	Forklifts or lumber stackers (on construction job site) ...	2.280	2.450
Steam fitters	2.300	2.500	Terrazzo workers' helpers	1.500	1.625	Compressors, excavating	2.080	2.250
Stonemasons	2.250	2.500	Tile layers' helpers	1.500	1.625	Shovels and cranes, all crawler and truck types	2.630	2.800
Structural- and ornamental-iron workers	2.250	2.250	SEATTLE, WASH.			Bulldozers, all	2.280	2.450
Tile layers	2.250	2.500	Journeyman			Carry-all type scrapers - single	2.280	2.450
Helpers and laborers			Asbestos workers	2.295	2.550	Carry-all type scrapers - tandem	2.430	2.600
Bricklayers' tenders .....	.950	1.100	Boilermakers	2.430	2.530	Medium equipment:		
Building laborers .....	.850	1.000	Bricklayers	3.000	3.300	Hoists	2.330	2.500
Elevator constructors' helpers	1.484	1.645	Sewer and tunnel	3.125	3.425	Mixers, other than paving	2.330	2.500
Plasterers' laborers .....	.950	1.100				Pile driver engineers	2.400	2.570

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
SEATTLE, WASH. - Continued			SOUTH BEND, IND. - Continued			SPOKANE, WASH. - Continued		
<u>Helpers and laborers</u>			<u>Helpers and laborers-Continued</u>			<u>Journeyman - Continued</u>		
Bricklayers' tenders	\$2.045	\$2.220	Composition roofers' helpers	\$1.700	\$1.870	Paperhangers	\$2.100	\$2.250
Building laborers	1.795	1.970	Elevator constructors' helpers	1.690	1.760	Plasterers	2.500	3.000
Elevator constructors' helpers	1.790	1.925	Marble setters' helpers	1.650	1.815	Plumbers	2.500	2.750
Marble setters' helpers	2.000	2.000	Plasterers' laborers	1.800	1.980	Rodmen	2.250	2.350
Plasterers' laborers	2.045	2.220	Terrazzo workers' helpers	1.800	1.960	Roofers, composition	2.000	2.265
Plumbers' laborers	1.795	1.970	Base-machine operators	2.000	2.200	Roofers, slate and tile	2.000	2.265
Terrazzo workers' helpers	2.000	2.000	Tile layers' helpers	1.650	1.815	Sheet-metal workers	2.250	2.450
Machine	2.050	2.050				Steam fitters	2.500	2.750
Tile layers' helpers	2.000	2.000				Stonemasons	2.750	3.000
SOUTH BEND, IND.			SPOKANE, WASH.			Structural-iron workers	2.300	2.500
<u>Journeyman</u>			<u>Journeyman</u>			Finishers	2.300	2.500
Asbestos workers	2.300	2.475	Asbestos workers	2.250	2.500	Tile layers	2.500	2.750
Boilermakers	2.500	2.585	Boilermakers	2.430	2.530	<u>Helpers and laborers</u>		
Bricklayers	2.575	3.000	Bricklayers	2.750	3.000	Bricklayers' tenders	1.800	1.960
Ground hog workers, sewer, tunnel and caisson work	2.825	3.250	Carpenters	2.200	2.420	Elevator constructor helper (1/)	1.800	1.890
Carpenters	2.205	2.420	Millwrights	2.400	2.620	Building laborers	1.600	1.750
Cement finishers	2.208	2.420	Cement finishers	2.350	2.450	Marble setters' helpers	1.800	1.960
Electricians (inside wiremen) and fixture hangers	2.300	2.530	Electricians (inside wiremen)	2.330	2.500	Plasterers' laborers	2.100	2.350
Elevator constructors	2.420	2.520	Elevator constructors	2.460	2.700	Terrazzo workers' helpers	1.800	1.960
Engineers - Power equipment operators:			Engineers - Power equipment operators:			Tile layers' helpers	1.800	1.960
Building construction:			Building construction:			SPRINGFIELD, MASS.		
Heavy equipment:			Heavy equipment:			<u>Journeyman</u>		
Shovels, draglines, and large mixers	2.415	2.650	Cranes and derricks ...	2.350	2.450	Asbestos workers	2.325	2.450
Medium equipment:			Hoists - 2 or more drums	2.300	2.400	Boilermakers	2.450	2.600
Cranes and derricks ...	2.415	2.650	Medium equipment:			Bricklayers	2.500	2.750
Hoists	2.100	2.320	Mixermobiles	2.150	2.350	Carpenters	2.000	2.200
Light equipment:			Pumpcretes (linkbelt or similar)	2.100	2.200	Cement finishers	2.500	2.750
Le Tourneau scoops and power blades	2.205	2.425	Concrete mixers:			Electricians (inside wiremen)	2.350	2.500
Bulldozers	2.100	2.320	Under 5 bag capacity ..	1.900	2.050	Elevator constructors	2.430	2.480
Heavy construction:			5 bag capacity and over	1.900	2.200	Engineers - Power equipment operators:		
Heavy equipment:			Light equipment:			Building construction:		
Shovels, draglines, and large mixers	2.415	2.650	Compressors - 1 only (portable)	1.750	2.000	Heavy equipment:		
Medium equipment:			Compressors - 2 or more (portable)	1.900	2.100	Cranes 3-drum hoists and over, power shovels, trenching machines, and pile drivers	2.275	2.500
Cranes and derricks ...	2.415	2.650	Pumps:			Medium equipment:		
Hoists	2.100	2.320	Under 4 inches	1.750	1.800	Scrapers and tournapulls	1.875	2.050
Light equipment:			4 inches and over ...	1.750	2.000	Bulldozers	1.825	2.000
Le Tourneau scoops	2.205	2.425	Heavy construction:			Light equipment:		
Bulldozers	2.100	2.320	Heavy equipment:			One-and two-drum hoists, pumps, boilers or compressors	1.825	2.000
Power blades and motor patrols	2.205	2.425	Power shovels and shovel rigged machines (cranes, clamshells, etc.)	2.350	2.450	Heavy construction:		
Glaziers	2.075	2.200	Power shovels, 4 yards and over (factory rating)	2.700	2.800	Heavy equipment:		
Lathers, metal, wood, and wire	2.350	2.585	Tractors	2.150	2.300	Cranes, 3-drum hoists and over, power shovels, trenching machines, and pile drivers	2.275	2.500
Machinists	(1/)	2.200	Highline cableways	2.350	2.450	Medium equipment:		
Marble setters	2.575	2.750	Medium equipment:			Scrapers and tournapulls	1.875	2.050
Mosaic and terrazzo workers ..	2.575	2.750	Locomotives (over 12 tons)	2.250	2.250	Bulldozers	1.825	2.000
Painters	2.050	2.250	Derricks and pile drivers	2.350	2.450	Light equipment:		
Paperhangers	2.050	2.255	Traxcavator and similar loaders	2.150	2.300	One-and two-drum hoists, pumps, boilers or compressors	1.825	2.000
Plasterers	2.500	2.750	Light equipment:			Glaziers	2.170	2.170
Plumbers	2.300	2.530	Compressors - 1 only (portable)	1.750	2.000	Lathers	2.400	2.450
Rodmen	2.415	2.650	Compressors - 2 or more (portable)	1.900	2.100	Marble setters	2.500	2.750
Roofers, composition	2.250	2.470	Pumps:			Mosaic and terrazzo workers ..	2.500	2.750
Roofers, slate and tile	2.250	2.470	Under 4 inches	1.750	1.800	Painters	2.000	2.000
Sheet-metal workers	2.300	2.500	4 inches and over ...	1.750	2.000	Paperhangers	2.000	2.000
Sign-painters	1.900	2.050	Glaziers	2.020	2.180	Plasterers	2.500	2.750
Steam fitters	2.300	2.530	Lathers	2.300	2.510	Plumbers	2.450	2.575
Stonemasons	2.575	3.000	Marble setters	2.600	2.850	Rodmen	2.550	2.695
Structural-iron workers	2.415	2.650	Mosaic and terrazzo workers ..	2.500	2.750	Roofers, composition	2.125	2.2000
Tile layers	2.575	2.750	Painters	2.100	2.250			
<u>Helpers and laborers</u>			Spray	2.450	2.600			
Bricklayers' tenders	1.650	1.815	Structural steel	2.350	2.500			
Mortar mixers and hod carriers	1.800	1.980						
Building laborers	1.650	1.815						

1/ Information not available for rate and hours on July 1, 1950.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
SPRINGFIELD, MASS. - Continued			SYRACUSE, N.Y. - Continued			TOLEDO, OHIO - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Roofers, slate and tile	\$2.350	\$2.420	Sheet-metal workers	\$2.250	\$2.400	Roofers, composition and built-up moppers	\$2.250	\$2.360
Sheet-metal workers	2.350	2.420	Sign painters	2.100	2.200	Roofers, slate and tile	2.250	2.360
Spray painters	2.667	2.667	Steam fitters	2.500	2.640	Sheet-metal workers	2.375	2.500
Steam fitters	2.500	2.500	Structural-iron workers	2.500	2.650	Sign painters	2.100	2.225
Stonecutters:			Tile layers	2.300	2.500	Steam fitters	2.625	2.750
Inside	1.875	1.875	<u>Helpers and laborers</u>			Stone masons	2.725	3.000
Outside	2.500	2.500	Building laborers	1.500	1.750	Structural-iron workers	2.625	2.755
Stonemasons	2.500	2.750	Elevator constructors' helpers	1.715	1.880	Finishers	2.625	2.755
Structural-iron workers	2.550	2.695	Marble setters' helpers	1.650	1.800	Tile layers	2.500	2.750
Tile layers	2.500	2.750	Steam fitters' helpers	1.650	1.700	<u>Helpers and laborers</u>		
<u>Helpers and laborers</u>			Terrazzo workers' helpers	1.650	1.800	Bricklayers' tenders and mortar mixers	1.945	2.040
Bricklayers' tenders	1.700	1.785	Tile layers' helpers	1.650	1.800	Building laborers	1.825	1.920
Building laborers	1.450	1.520	TOLEDO, OHIO			Elevator constructors' helpers	1.850	1.940
Elevator constructors' helpers	1.700	1.740	<u>Journeyman</u>			Marble setters' helpers	1.700	1.825
Marble setters' helpers	1.700	1.800	Asbestos workers	2.525	2.650	Plasterers' laborers	1.995	2.090
Plasterers' laborers	1.700	1.785	Boilermakers	2.625	2.755	Terrazzo workers' helpers	1.700	1.825
Terrazzo workers' helpers	1.700	1.800	Bricklayers	2.725	3.000	Base grinders	1.725	1.825
Tile layers' helpers	1.700	1.800	Carpenters, floor layers, and millwrights	2.425	2.550	Tile layers' helpers	1.700	1.825
SYRACUSE, N.Y.			Cement finishers	2.625	2.755	WASHINGTON, D. C.		
<u>Journeyman</u>			Electricians (inside wiremen)	2.625	2.750	<u>Journeyman</u>		
Asbestos workers	2.500	2.500	Fixture hangers	2.475	2.600	Asbestos workers	2.500	2.750
Boilermakers	2.500	2.500	Elevator constructors	2.645	2.770	Boilermakers	2.375	2.610
Bricklayers	2.600	2.850	Engineers - Power equipment operators:			Bricklayers	3.000	3.000
Carpenters	2.200	2.450	Building construction:			Carpenters	2.500	2.625
Cement finishers	2.250	2.500	Heavy equipment:			Cement finishers	2.450	2.500
Electricians (inside wiremen)	2.550	2.730	Cranes (all types), power shovels, and derricks	2.625	2.755	Electricians (inside wiremen)	2.700	3.000
Elevator constructors	2.450	2.685	Medium equipment:			Elevator constructors	2.800	2.940
Engineers - Power equipment operators:			Power graders	2.375	2.495	Engineers - Power equipment operators:		
Building construction:			Rollers, asphalt	2.250	2.365	Building construction:		
Heavy equipment:			Trench machines	2.375	2.495	Heavy equipment:		
Cranes, pile drivers, and 2 and 3 drum hoists	2.600	2.850	Light equipment:			Cranes, shovels, pile drivers	2.600	2.725
Medium equipment:			Bulldozers	2.375	2.495	Medium equipment:		
1 drum hoists and pumps (4 inches and over) ...	2.350	2.600	Pumps, 4 inches and over	2.250	2.365	Hoists (double drum) ...	2.600	2.725
Compressors	2.050	2.300	Pumps, under 4 inches ..	1.875	1.970	Trenching machines and single-drum hoists ...	2.350	2.470
Light equipment:			Compressors	2.250	2.365	Light equipment:		
Welding machines, light-tung slants, and Harmon Nelson heaters or their equivalent	2.050	2.300	Heavy construction:			Compressors and pumps ..	2.200	2.310
Heavy construction:			Heavy equipment:			Bulldozers	2.000	2.100
Heavy equipment:			Cranes (all types), power shovels, and derricks	2.625	2.755	Heavy construction:		
Power shovels	2.600	2.600	Medium equipment:			Heavy equipment:		
Power cranes	2.600	2.600	Power graders and trench machines	2.375	2.495	Cranes, shovels, pile drivers	2.600	2.725
Scrapers	2.250	2.600	Rollers	2.250	2.365	Medium equipment:		
Medium equipment:			Light equipment:			Hoists (double drum) ...	2.600	2.725
Bulldozers	2.250	2.250	Bulldozers	2.375	2.495	Trenching machines and single-drum hoists ...	2.350	2.470
Compressors (over 500 cubic feet)	2.300	2.300	Pumps, 4 inches and over	2.250	2.365	Light equipment:		
Pumps (over 4 inches) ..	2.000	2.000	Pumps, under 4 inches ..	1.875	1.970	Compressors and pumps ..	2.200	2.310
Light equipment:			Compressors	2.250	2.365	Bulldozers	2.000	2.100
Compressors (under 500 cubic feet)	2.000	2.000	Glaziers	2.125	2.200	Heavy construction:		
Mixers (under 16S)	1.750	1.750	Lathers	3/2.625	3/2.755	Heavy equipment:		
Tractors	2.250	2.250	Marble setters	2.725	2.860	Cranes, shovels, pile drivers	2.600	2.725
Glaziers	1.900	2.000	Mosaic and terrazzo workers ..	2.500	2.750	Medium equipment:		
Lathers	2.500	2.750	Painters, brush	2.275	2.365	Hoists (double drum) ...	2.600	2.725
Machinists	(1/)	2.500	Spray	2.575	2.665	Trenching machines and single-drum hoists ...	2.350	2.470
Marble setters	2.300	2.500	Brush, swing, under 30 feet	2.525	2.615	Light equipment:		
Mosaic and terrazzo workers ..	2.300	2.500	Spray, swing, under 30 feet	2.575	2.665	Compressors and pumps ..	2.200	2.310
Painters	1.950	2.050	Brush, swing, over 30 feet	2.775	2.865	Bulldozers	2.000	2.100
Spray	2.100	2.200	Spray, swing, over 30 feet	2.825	2.915	Heavy construction:		
Structural steel	2.200	2.300	Steel	2.275	2.365	Heavy equipment:		
Plasterers	2.500	2.800	Paperhangers	2.275	2.365	Cranes, shovels, pile drivers	2.600	2.725
Plumbers	2.500	2.640	Plasterers	2.625	2.755	Medium equipment:		
Roofers, composition	2.300	2.350	Plumbers	2.625	2.750	Hoists (double drum) ...	2.600	2.725
Roofers, slate and tile	2.300	2.350	Rodmen	2.455	2.580	Trenching machines and single-drum hoists ...	2.350	2.470

1/ Information not available for rate and hours on July 1, 1950.

3/ 35-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
WASHINGTON, D. C. - Continued			WORCESTER, MASS.			YORK, PA. - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman</u>			<u>Journeyman - Continued</u>		
Sheet-metal workers	\$2.625	\$2.750	Boilermakers	\$2.450	\$2.600	Engineers - Power equipment operators:		
Sign painters	2.000	2.250	Bricklayers	2.500	2.700	Building construction:		
Sprinkler fitters	2.400	2.600	Carpenters	2.025	2.200	Heavy equipment:		
Steam fitters	2.500	2.650	Cement finishers	2.500	2.700	Cranes (all types), derricks, power shovels	\$2.800	\$2.800
Refrigeration and oil burner fitters:			Electricians (inside wiremen) ..	2.350	2.420	Medium equipment:		
5 horsepower or less	2.000	2.150	Elevator constructors	2.340	2.520	Tournapulls and Carry-alls	2.425	2.425
Over 5 horsepower	2.500	2.650	Engineers - Power equipment operators:			Bulldozers and tractors ..	2.175	2.175
Stonemasons	3.000	3.150	Building construction:			Light equipment:		
Structural-iron workers	2.950	3.000	Heavy equipment:			Welding machines	2.350	2.350
Tile layers	2.775	3.000	Power shovels, pile drivers, hoisting engines	2.600	2.800	Compressors and pumps ..	2.225	2.225
<u>Helpers and laborers</u>			Medium equipment:			Heavy construction:		
Building laborers	1.450	1.550	Bulldozers, concrete mixers, steam boilers	2.225	2.425	Heavy equipment:		
Garden type apartment house construction	1.300	1.550	Light equipment:			Cranes (all types), cableways, power shovels	2.800	2.800
Composition-roofers' helpers ..	1.550	1.700	Pumps, compressors, welding machines	2.150	2.350	Medium equipment:		
Elevator constructors' helpers ..	1.960	2.060	Heavy construction:			Tournapulls and Carry-alls	2.425	2.425
Marble setters' helpers	1.875	2.000	Power shovels, pile drivers, lighters	2.600	2.800	Bulldozers and tractors ..	2.175	2.175
Plasterers' laborers	1.850	2.000	Medium equipment:			Light equipment:		
Plumbers' laborers	1.600	1.750	Concrete mixers, steam boilers, bulldozers	2.225	2.425	Welding machines	2.350	2.350
Sprinkler fitters helpers	1.625	1.750	Light equipment:			Compressors and pumps ..	2.225	2.225
Terrazzo workers' helpers	2.000	2.063	Pumps, compressors, welding machines	2.150	2.350	Machinists	2.180	2.340
Tile layers' helpers	2.000	2.063	Glaziers	1.800	1.800	Marble setters	2.250	2.250
WICHITA, KANS.			Lathers	2.700	2.700	Mosaic and terrazzo workers ..	2.250	2.250
<u>Journeyman</u>			Carpenters	2.500	2.500	Painters	1.550	1.595
Asbestos workers	2.375	2.475	Marble setters	2.500	2.700	Structural steel and pipe ..	1.800	1.845
Bricklayers	3.000	3.000	Mosaic and terrazzo workers ..	2.500	2.700	Spray	2.050	2.095
Carpenters	2.000	2.063	Painters	1.800	1.800	Paperhangers	1.550	1.595
Cement finishers	2.250	2.500	Paperhangers	1.800	1.800	Plasterers	2.250	2.250
Electricians (inside wiremen) ..	2.250	2.500	Plumbers	2.500	2.500	Plumbers	1.850	2.000
Elevator constructors	2.225	2.550	Rodmen	2.125	2.338	Roofers, composition	1.380	1.400
Lathers	2.500	3.000	Sign painters	2.550	2.550	Roofers, slate and tile	1.730	1.770
Machinists	2.250	2.500	Steam fitters	1.800	1.800	Sheet-metal workers	2.025	2.200
Marble setters	3.000	3.000	Structural-iron workers	2.250	2.340	Sign painters	1.550	1.650
Mosaic and terrazzo workers ..	2.000	2.500	Stonemasons	2.550	2.550	Steam fitters	1.850	2.000
Painters	1.750	1.925	Tile layers	2.500	2.700	Stonemasons	2.375	2.500
Spray	2.000	2.200	<u>Helpers and laborers</u>			Tile layers	2.250	2.375
Stage and structural steel ..	1.875	2.065	Bricklayers' tenders	1.500	1.650	<u>Helpers and laborers</u>		
Paperhangers	1.875	2.065	Building laborers	1.400	1.550	Bricklayers' tenders	1.500	1.500
Plasterers	2.750	3.000	Composition-roofers' helpers ..	1.640	1.760	Building laborers	1.200	1.250
Plumbers	2.375	2.500	Plasterers' laborers	1.500	1.650	Composition-roofers' helpers ..	1.100	1.140
Rodmen	2.125	2.338	Elevator constructors' helpers ..	1.640	1.760	Marble setters' helpers	1.400	1.450
Roofers, composition	1.750	2.000	Plasterers' laborers	1.500	1.650	Plasterers' laborers	1.500	1.500
Roofers, slate and tile	1.750	2.000	YORK, PA.			Plumbers' laborers	1.325	1.375
Sheet-metal workers	2.100	2.250	<u>Journeyman</u>			Terrazzo workers' helpers	1.400	1.450
Sign painters	1.875	1.925	Asbestos workers	2.090	2.090	Tile layers' helpers	1.400	1.450
Steam fitters	2.375	2.500	Boilermakers	2.180	2.340	YOUNGSTOWN, OHIO		
Stonemasons	3.000	3.000	Bricklayers	2.375	2.500	<u>Journeyman</u>		
Structural-iron workers	2.125	2.338	Carpenters	1.750	1.875	Asbestos workers	2.500	2.625
Tile layers	2.000	2.500	Millwrights	2.000	2.125	Bricklayers	2.750	2.875
<u>Helpers and laborers</u>			Cement finishers	2.200	2.200	Carpenters	2.375	2.500
Bricklayers' tenders	1.500	1.500	Electricians (inside wiremen) ..	2.000	2.150	Millwrights	2.725	2.825
Rod carriers	1.500	1.500				Parquetry floor layers	2.375	2.500
Building laborers	1.375	1.375				Pile drivers	2.725	2.825
Elevator constructors' helpers ..	1.555	1.785						
Plasterers' laborers	1.500	1.500						
Mortar mixers	1.500	1.500						
Tile layers' helpers	1.500	1.500						

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1950, and July 1, 1951 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951		July 1, 1950	July 1, 1951
YOUNGSTOWN, OHIO - Continued			YOUNGSTOWN, OHIO - Continued			YOUNGSTOWN, OHIO - Continued		
<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>			<u>Journeyman - Continued</u>		
Cement finishers	\$2.375	\$2.500	Engineers - Power equipment operators: - Continued			Sign painters	\$2.200	\$2.200
Electricians (inside wiremen)	2.550	2.675	Heavy construction: - Continued			Steam fitters	2.550	2.675
Elevator constructors	2.600	2.700	Light equipment:			Stonemasons	2.750	2.875
Engineers - Power equipment operators:			Compressors, pumps and rollers	\$2.238	\$2.265	Structural-iron workers	2.600	2.725
Building construction:			Glaziers	2.325	2.475	Finishers, ornamental	2.600	2.725
Heavy equipment:			Lathers (wood, wire and metal)	2.550	2.750	Electric welders	2.600	2.725
Carryall scoops, cranes and shovels	2.560	2.665	Marble setters	2.375	2.500	Sheeters	2.850	2.975
Medium equipment:			Mosaic and terrazzo workers	2.375	2.500	Sheeters' buckers-up	2.725	2.850
Bulldozers	2.425	2.475	Painters	2.250	2.375	Tile layers	2.375	2.500
Compressors	2.238	2.265	Structural-iron	2.500	2.625			
Hoists	2.560	2.665	Spray	2.555	2.680	<u>Helpers and laborers</u>		
Light equipment:			Swing, scaffold	2.250	2.500	Bricklayers' tenders	1.750	1.875
Pumps, rollers and welders	2.238	2.265	Paperhangers	2.250	2.375	Building laborers	1.650	1.775
Heavy construction:			Plasterers	2.550	2.750	Elevator constructors' helpers	1.820	1.890
Heavy equipment:			Plumbers	2.550	2.675	Marble setters' helpers	1.720	1.850
Cranes, ditchers and shovels	2.560	2.665	Rodmen	2.600	2.725	Plasterers' laborers	1.850	1.975
Medium equipment:			Roofers, composition	2.375	2.500	Plumbers' laborers	1.750	1.875
Bulldozers	2.425	2.475	Roofers, slate and tile	2.375	2.500	Terrazzo workers' helpers	1.720	1.850
Graders	2.238	2.265	Sheet-metal workers	2.375	2.500	Tile layers' helpers	1.720	1.850
Scoops (carryall)	2.560	2.665						



